ESD-TR-71-370, Vol. III

ANALYSIS OF DATA BASE SECURITY AND ACCESS
LIMITATION REQUIREMENTS FOR THE POST 1975
AUTOMATED TACC COMPLEX
(ANALYSIS OF TACC SECURE DATA)

October 1971

DEPUTY FOR PLANNING AND TECHNOLOGY
HQ ELECTRONIC SYSTEMS DIVISION (AFSC)
L. G. Hanscom Field, Bedford, Massachusetts 01730

## LEGAL NOTICE

## OTHER NOTICES

ESD-TR-71-370, Vol. III

ANALYSIS OF DATA BASE SECURITY AND ACCESS
LIMITATION REQUIREMENTS FOR THE POST 1975
AUTOMATED TACC COMPLEX
(ANALYSIS OF TACC SECURE DATA)

October 1971

DEPUTY FOR PLANNING AND TECHNOLOGY
HQ ELECTRONIC SYSTEMS DIVISION (AFSC)
L. G. Hanscom Field, Bedford, Massachusetts 01730

Approved for public release;
distribution unlimited.

1.0 **INTRODUCTION**

2.0 **ANALYSIS TECHNIQUES**

# 1.0 INTRODUCTION

The Analysis of Data Base Security and Access Limitation Requirements for the post-1975 Automated TACC Complex was conducted to provide the United States Air Force and other military agencies with detailed information concerning (a) current and completed studies which have addressed the security and access limitation problems and methods of implementation for automated information systems; (b) the determination and structuring of a TACC data base baseline; and (c) the identification of the users of TACC data and their access requirements to classified portions of the TACC data base. The data developed were to be used both in the development of incremental growth capabilities in the TACC and in the design of future automation of the TACS.

Data collected during interviews with personnel at Hqtrs. TAC, Shaw AFB, S.C., and PACAF was refined and assimilated with the data obtained through document research and reproduced in the form of a file catalog. This data is analyzed in the form of logical and easily referenced formats and matrices during the analysis phase and is contained in this document. These formats and matrices were designed to permit the rapid and thorough analysis of the data in order to determine the parameters, characteristics, and requirements relevant to the design of the data base security and access limitations for the TACC Complex data base. The conclusions arrived at by Hughes personnel as a result of analysis of the tabulated data are stated in the following paragraphs.

## 2.0 ANALYSIS TECHNIQUES

The analysis procedures were set up to enable the analyst to (a) determine which characteristics and parameters of the data base are relevant for the selection of security techniques, (b) retrieve the applicable data from the previously tabulated data or prepare special listings as necessary, (c) perform the analysis to determine the relative affects caused by the various relevant techniques for the protection of classified data on system parameters.

In order to realize the products of the analysis task (stated in CDRL Item A-002, Page 19a, as revised by Hughes letter "Contract F19628-70-C-0185, Data Base Security Study Contract Estimate to Complete," dated 9 September 1970, the information contained in the Data Collection Forms, Sheets 1, 2, 3 and 4 was transposed to the format for entry into the File Catalog (CDRL Item A-003). The data contained in the File Catalog was then coded and a card punched for each file. Using this card deck, a complete file listing printout was obtained. Also, through sorting of selective code entries a printout of the files grouped by security classification/file volume was obtained. These groupings of files were used to develop matrices showing (a) the nature of data in the files, (b) the format of data in the files, (c) the perishability of data in the files, (d) the perishability of the classification of classified data, and (e) the up-date rates for data in the files.

Using the above formats in the analysis effort, certain conclusions were reached. These conclusions are documented in the appropriate paragraphs of this report.

3.0    SUMMARY OF DATA BASE SECURITY STUDY TASK 2 ANALYSIS

# 3.0 SUMMARY OF DATA BASE SECURITY STUDY TASK 2 ANALYSIS

The objective of this section is to summarize the significant findings of the analysis of the data in the current TACC data base. Some surprising results are also included.

The most interesting results were:

(1) The number of TACC data base files is 235.

(2) The data base size or volume is 68,014,729 characters.

(3) 29% of the total number of files are unclassified and represent 35% of the total volume.

(4) The secret files are 34% of the total number of files and represent 26% of the total volume.

(5) Files containing alphanumeric data comprise 99% of the total volume. Only one file consists of only pictorial data and comprises less than 1% of the total number of files (volume not estimated because in this CDRL volume is depicted by character count).

(6) Files containing both pictorial and alphanumeric data comprise 11% of the total number of files and 13% of the total volume (48 facsimile Wx charts not included in these figures).

(7) Files of mixed format such as combination of logs, TTY reports, and group displays represent 63% of the files and 45% of the volume. This factor indicates that a considerable part of the TACC data is of a duplicate nature and results in additional handling requirements.

(8) The perishability of the data is in excess of 30 days for 49% of the files containing 36% of the volume. Over 98% of the files containing 99% of the volume experiences a perishability of security classification of more than 30 days.

(9) Files requiring update rates of less than 6 times per day comprise 65% of the total files and 48% of the total volume. Only 11% of the files and/or 36% of the volume require updating greater than 1 to 10 times per hour.

The reader should realize that the above facts and characteristics represent the results of a study of the current manual TACC system and extreme care must be exercised in trying to relate this data to an auto-mation concept of the TACC. For example to consider that the storage re-quirement for an automated TACC data base is approximately 70 million characters would be incorrect since 45% of that volume is duplicated in some form in the TACC. However, the data base is much larger than many knowledgeable people have realized based upon the automation study efforts that have been in effect over the past three years. A thorough understand-ing of this study and how the data was achieved is required in order to relate this data to the automation of the TACC. Perhaps the most important factor achieved by this study is the documentation of the complete set of TACC data files in one volume for future reference and analysis studies.

A summary table of the TACC showing characteristics of file size and users is shown in Table 3.1. This table is considered useful because it indicates the important single characteristics of each of 235 files that can be used as a reference for assistance in the design of the TACC.

Table 3.2 indicates a grouping of files by function to show the type, name, size and percentage of totals. This table is particularly useful in showing the volume of files associated with the main function of the TACC, such as Plans, Operations, Reports and supporting functions such as WX and Intelligence. This grouping indicates that the Airlift Group has the largest volume of data base for the TACC (39%) with the Reports Group having the second largest (17%). The combination of Plans and Operations without Airlift only has about 26% of the data base.

Table 3.3 contains a list of 14 files that have over 1 million characters.

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | *Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | File Size No. of Records | File Size Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 1 | Operations Plans | TS | 1 | 18 | 8 |  | 140K |
| 2 | Operations Orders | TS | 56 | 15 | 11 | 3 | 420K |
| 3 | Regulations | S | 0 | 37 | - | 30 | 1260K |
| 4 | Defcon Status | S | 1 | 2 | 2 | 1 | 64 |
| 5 | Friendly Ground Situation Data | S | 40 | 14 | 2 | 3 | 150K |
| 6 | Airfield Directory | S | 113 | 20 | 21 | 100 | 124K |
| 7 | Daily Airfield Status | C | 23 | 30 | 10 | 210 | 29.5K |
| 8 | Tactical Unit Status (Pighter) | S | 50 | 18 | 10 | 16 | 2256 |
| 9 | Tactical Unit Munitions Status | S | 3 | 47 | 5 | 12 | 19332 |
| 10 | Mission Schedule (Pighter) | S | 28 | 20 | 14 | 186 | 39990 |
| 11 | TACS Facility Status | S | 1 | 23 | 5 | 156 | 3744 |
| 12 | SAM/ADA Weapons Status | S | 4 | 10 | 13 | 64 | 9920 |
| 13 | Force Allocation | S | 6 | 22 | 12 | 2 | 484 |
| 14 | Air Defense Planning Coordinator | S | 1 | 7 | 3 | 1 | 6000 |
| 15 | Air Defense Priorities | TS |  | 7 | 4 | 1 | 17500 |
| 16 | Orbit Points and Routes for Air Def. Acft. | S | 46 | 17 | 4 | 1 | 8750 |
| 17 | Pighter Escort Requirements | S | 4 | 18 | 8 | 29 | 12069 |
| 18 | Cl. Air Sprt. and Interdiction Request | S | 3 | 8 | 21 | 96 | 34656 |
| 19 | Interdiction Mission Profiles | S | 0 | 1 | 6 | 5 | 2880 |
| 20 | Pighter Mission Planning | S | 0 | 3 | 14 | 62 | 13206 |
| 21 | Restrictive Fire Plan | S | 8 | 19 | 6 | 1 | 14000 |
| 22 | Missile/Hot Zone Data | S | 67 | 20 | 5 | 3 | 606 |
| 23 | Pighter Alert Status | S | 23 | 7 | 13 | 16 | 1424 |
| 24 | Tactical Action Data | S | 2 | 7 | 7 | 10 | 690 |
| 25 | Prag Order (Pighter) | S | 52 | 26 | 11 | 10 | 750 |
| 26 | Action Log (Pighter ODO) | S | 0 | 13 | 6 | 44 | 15840 |
| 27 | Defcon Air Raid Warning Log | S | 0 | 1 | 4 | 75 | 17925 |
| 28 | TACC S.O.P.'s | U | 0 | 26 | 2 | 25 | 87500 |

*The classification of a file will be the highest classification of the data contained therein. However within a file there may be records/elements bearing a lower classification.

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | Internal | No. of Item** | File Size No. of Records | Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 29 | Air Situation Data | U | 1 | 9 | 10 | 1,500 | 75,000 |
| 30 | Ground Sensor Data | S | 6 | 13 | 8 | 1 | 20,000 |
| 31 | Tactical Unit Status (Reconn.) | S | 2 | 8 | 10 | 2 | 282 |
| 32 | Reconn. Acft. Alert Status | S | 6 | 8 | 12 | 2 | 184 |
| 33 | Reconn. Mission Schedule | S | 5 | 8 | 24 | 27 | 9,234 |
| 34 | Reconn. Mission Request | S | 9 | 8 | 54 | 42 | 32,298 |
| 35 | Reconn. Acft. Characteristics | C | 0 | 2 | V | 3 | 1750K |
| 36 | S.O.P.'s for Reconn. Duty Personnel | U | 0 | 3 | 1 | 1 | 42 |
| 37 | Frag. Orders (Reconn.) | TS | 10 | 21 | 12 | 3 | 135 |
| 38 | ECM Mission Schedule | S | 3 | 8 | 9 | 12 | 2,868 |
| 39 | ECM Mission Reconn. | S | 1 | 11 | 5 | 18 | 3,294 |
| 40 | ECM Mission Requirements | S | 9 | 11 | 8 | 36 | 15,480 |
| 41 | ECM Support Requirements | S | 1 | 13 | 5 | 12 | 1,308 |
| 42 | ECM Data | S | 6 | 17 | 16 | 2 | 420K |
| 43 | ECM Threat Data | S | 1 | 13 | 5 | 36 | 25,920 |
| 44 | Electronic Tactical Action Report (ECTAR) | S | 6 | 3 | 16 | 54 | 15,066 |
| 45 | ECCM Data | S | 5 | 16 | 7 | 2 | 212K |
| 46 | Bomber Mission Data | S | 5 | 12 | 14 | 15 | 11,025 |
| 47 | Contaminated Areas Notification | C | 46 | 26 | 10 | 5 | 1,900 |
| 48 | NUDET Reports | U | 145 | 30 | 11 | 10 | 1,500 |
| 49 | Nuclear Strike Warning | TS | 8 | 3 | 11 | 1 | 2,160 |
| 50 | Nuclear Restricted Areas Warning | TS | 81 | 2 | 11 | 6 | 2,400 |
| 51 | Biological/Chemical Attack Report | S | 49 | 3 | 12 | 2 | 850 |
| 52 | Intended Employment of chem./Bio. wpns. rprt. | S | 6 | 3 | 12 | 3 | 1,260 |
| 53 | Weapons Characteristics | TS | 4 | 9 | V | 1 | 5,250K |
| 54 | Inflight Intelligence report | U | 25 | 16 | 7 | 150 | 45,162 |
| 55 | Enemy Air Order of Battle | S | 47 | 20 | 5 | 160 | 1,462K |
| 56 | Enemy Ground Order of Battle Summary | S | 44 | 17 | 6 | 6,439 | 3,110K |

**Where "V" appears in this column, it signifies that the number of items in the file is not fixed but varies dependent upon the type, model and series of the weapons/weapons system and the type and level of conflict.

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | File Size No. of Records | File Size Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 57 | Enemy Naval Order of Battle Summary | S | 44 | 20 | 9 | 15 | 137K |
| 58 | Enemy Comm. Order of Battle Summary | TS | 44 | 16 | 9 | 19 | 173K |
| 59 | Hot News/Spot Intelligence Reports | TS | 3 | 13 | 5 | 18 | 2,898 |
| 60 | ELINT Inflight Report | S | 24 | 12 | 7 | 12 | 1,644 |
| 61 | Immediate Photo Intell. Report (IPIR) | S | 3 | 11 | 8 | 28 | 10,179 |
| 62 | Intelligence Summary (ISUM) | TS | 1 | 33 | 6 | 3 | 31,500 |
| 63 | Enemy Electronic Order of Battle Summary | S | 1 | 13 | 5 | 140 | 248K |
| 64 | Enemy AA/SAM Order of Battle Summary | S | 1 | 17 | 9 | 112 | 178K |
| 65 | Target Priority List | TS | 2 | 16 | 6 | 831 | 71,466 |
| 66 | Target Nomination List | S | 3 | 13 | 5 | 500 | 41,500 |
| 67 | LZ/DZ/EZ Intelligence | S | 1 | 10 | 8 | 8 | 10,560 |
| 68 | Intelligence Inputs to Frag Order | S | 56 | 21 | 4 | 3,547 | 32,122 |
| 69 | Intelligence Briefing Data | TS | 1 | 28 | 50 | 1 | 60K |
| 70 | Intelligence Study | TS | 1 | 4 | 71 | 1 | 17,500 |
| 71 | Intelligence Estimate | S | 1 | 5 | 8 | 3 | 17,880 |
| 72 | Collection Requirements (EEI) | S | 56 | 19 | 3 | 3 | 27K |
| 73 | Intelligence Duty Personnel S.O.P.'s | U | 0 | 3 | 9 | 1 | 3,500 |
| 74 | Intelligence Reports | TS | 1 | 7 | 2 | 425 | 613K |
| 75 | Mission Recommendation | S | 1 | 13 | 7 | 555 | 447K |
| 76 | ELINT Mission Request | S | 1 | 2 | 12 | 25 | 6,075 |
| 77 | Ground Fire Report | S | 1 | 29 | 12 | 20 | 3,780 |
| 78 | Defense Analysis | S | 1 | 13 | V | 1 | 36K |
| 79 | Threat Evaluation | S | 1 | 14 | V | 1 | 3,000 |
| 80 | Mission Report (MISREP) (TACINTELL MISREP) | S | 1 | 19 | 22 | 205 | 70,315 |
| 81 | Post Strike Imagery Report | S | 1 | 11 | 5 | 118 | 10,620 |
| 82 | Unfile Photo Interpretaion Report (UPIR) | S | 1 | 1 | 14 | 72 | 60,984 |
| 83 | Consolidated Imagery Requirements | S | 1 | 1 | 8 | 54 | 13,338 |
| 84 | Tactical Unit Status (SOF) | S | 1 | 2 | 10 | 210 | 43,470 |

TABLE 3-1.  CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users | | No. of Item | File Size | |
|---|---|---|---|---|---|---|---|
| | | | External | Internal | | No. of Records | Total Size (# of Characters) |
| 85 | Psychological Warfare Mission Data (SOF) | S | 3 | 2 | 6 | 150 | 21,000 |
| 86 | Herbicide Mission Planning Data (SOF) | S | 3 | 4 | 15 | 90 | 21,060 |
| 87 | Herbicide Frag Order (SOF) | S | 61 | 2 | 10 | 60 | 11,880 |
| 88 | Psy. Warfare Frag Order (SOF) | S | 6 | 6 | 10 | 120 | 28,080 |
| 89 | Notification of Execution of Herbicide Mission (SOF) | S | 12 | 3 | 5 | 60 | 8,760 |
| 90 | Weekly Flying Schedule (SOF) | S | 15 | 5 | 5 | 4 | 128 |
| 91 | SOP for SOF Duty Personnel | U | 0 | 4 | V | 1 | 7,000 |
| 92 | Mission Report (MISREP) - SOF | S | 17 | 5 | 9 | 1,320 | 1,485K |
| 93 | Area of Responsibility of Changes | C | 42 | 20 | 2 | 1 | 7,000 |
| 94 | Air Ground/Reporting Procedures | S | 100 | 25 | 5 | 1 | 17,500 |
| 95 | Air Terminal Control Procedures | S | 117 | 23 | 5 | 4 | 70,000 |
| 96 | Control Point Data | S | 95 | 12 | 3 | 4 | 28,000 |
| 97 | Air Traffic Identification Procedures | S | 95 | 12 | 5 | 4 | 28,000 |
| 98 | Priorities for Aerospace Use | S | 45 | 16 | 5 | 4 | 28,000 |
| 99 | Air Corridor Data | S | 93 | 26 | 5 | 4 | 28,000 |
| 100 | Free Airspace Data | S | 92 | 27 | 3 | 4 | 140K |
| 101 | Restricted Airspace Data | S | 92 | 26 | 5 | 1 | 3,500 |
| 102 | Friendly Airspace Data | S | 92 | 25 | 4 | 4 | 70,000 |
| 103 | Air Space Utilization Plan | S | 1 | 3 | 6 | 1 | 21,000 |
| 104 | Guidance for Airspace Management | S | 1 | 3 | V | 4 | 28,000 |
| 105 | Air Traffic Control Instructions | S | 129 | 6 | 4 | 30 | 420K |
| 106 | Airspace Conflict Data | $ | 4 | 22 | 6 | 15 | 52,500 |
| 107 | Air Traffic Handling Capabilities | S | 43 | 2 | 4 | 15 | 105K |
| 108 | Mission Routing Coordination | S | 5 | 3 | 4 | 45 | 315K |
| 109 | SAR Aircraft Alert Status | S | 5 | 5 | 11 | 30 | 9,870 |
| 110 | SAR Mission Data | S | 3 | 6 | 8 | 329 | 102K |
| 111 | SAR Mission Progress Report | S | 4 | 4 | 7 | 121 | 27,346 |
| 112 | SAR Aircraft Characteristics | U | 1 | 2 | V | 3 | 1,050K |

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users | | No. of Item | File Size | |
|---|---|---|---|---|---|---|---|
| | | | External | Internal | | No. of Records | Total Size (# of Characters) |
| 113 | SAR Duty Officer SOP | U | 2 | 2 | V | 1 | 14,000 |
| 114 | SAR Support Requirements | S | 5 | 4 | 4 | 30 | 36,360 |
| 115 | Tactical Unit Status Report (SAR) | S | 3 | 3 | 10 | 30 | 5,160 |
| 116 | Frag Order (SAR) | S | 99 | 2 | 10 | 40 | 9,560 |
| 117 | Mission Progress Report (SAR) | S | 4 | 4 | 18 | 240 | 104K |
| 118 | Rescue Information Report (RESCUE) | S | 3 | 10 | 20 | 210 | 168K |
| 119 | Area Weather Forecast | U | 49 | 35 | 13 | 6C | 36,000 |
| 120 | Terminal Weather Forecast | U | 47 | 35 | 8 | 2,633 | 316K |
| 121 | Special Mission Forecast | U | 49 | 35 | 13 | 11 | 35,820 |
| 122 | Severe Weather Warning | U | 49 | 35 | 3 | 1 | 180 |
| 123 | Winds Slift | U | 45 | 35 | 4 | 1,200 | 12,000 |
| 124 | FAC Weather Report | U | 43 | 1 | 6 | 1,440 | 210K |
| 125 | Pilot Weather Report | U | 504 | 2 | 13 | 3,000 | 471K |
| 126 | Weather Reconnaissance Report | U | 41 | 2 | 14 | 30 | 7,260 |
| 127 | Airbase Weather Observation | U | 47 | 2 | 13 | 15,830 | 1,298K |
| 128 | Weather Map and Charts | U | 43 | 24 | 6 | 15 | 720 FACIMILES |
| 129 | Radar Weather Reports | U | 42 | 2 | 6 | 360 | 29,160 |
| 130 | Army Forces Surface Weather Observation | U | 41 | 2 | 10 | 1,433 | 129K |
| 131 | Weather Information Request | U | 48 | 24 | 10 | 10 | 2,710 |
| 132 | Tanker Resources Available | S | 2 | 7 | 4 | 173 | 24,200 |
| 133 | Tanker Tactical Unit Status | S | 1 | 8 | 10 | 180 | 65,700 |
| 134 | Refueling Requirements | S | 2 | 13 | 7 | 1,888 | 604K |
| 135 | Tanker Frag Order | S | 5 | 13 | 9 | 180 | 59,400 |
| 136 | Tanker Mission Schedule | S | 1 | 19 | 10 | 180 | 65,700 |
| 137 | Refueling Mission Completion Report | S | 19 | 3 | 4 | 360 | 306K |
| 138 | Tanker Aircraft Characteristics | C | 5 | 2 | V | 1 | 35,000 |
| 139 | S.O.P.'s for Tanker Duty Personnel | U | 0 | 3 | V | 1 | 21,000 |

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | No. of Records | Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 140 | Track Data | U | 1 | 2 | 10 | 205 | 75,000 |
| 141 | Daily Medical Status Report (MEDREP) | U | 6 | 4 | 20 | 90 | 124K |
| 142 | Medical Contingency Report (MEDCON) | S | 6 | 4 | 15 | 270 | 124K |
| 143 | Medical Emergency Report (MEDMER) | S | 6 | 4 | 9 | 270 | 46,980 |
| 144 | Personnel Deployment Report (PERSDEP) | S | 6 | 2 | 10 | 1,351 | 250K |
| 145 | Personnel Status Report (PERSTAT) | S | 87 | 3 | 15 | 7,733 | 1,741K |
| 146 | Unit Identification System Report (UCODES) | S | 17 | 1 | 18 | 1,346 | 182K |
| 147 | Civil Affairs Report (CIVAF) | S | 1 | 2 | 8 | 90 | 148K |
| 148 | Claims Report (CLAIMS) | U | 1 | 2 | 9 | 90 | 1,620K |
| 149 | Deployment Plan Summary Report (DEPSUM-I) | S | 11 | 3 | 12 | 8 | 1,560 |
| 150 | Operations Start Report (OPREP-2) | S | 5 | 2 | 10 | 6 | 2,340 |
| 151 | Operations Stop Report (OPREP-4) | S | 13 | 2 | 11 | 2 | 316 |
| 152 | Operations Event/Incident Report (OPREP-3) | S | 15 | 2 | 8 | 720 | 454K |
| 153 | Commanders Situation Report (SITREP) | S | 15 | 2 | 13 | 30 | 108K |
| 154 | Communications Security Report (COMSEC) | S | 69 | 36 | 5 | 1 | 3,600 |
| 155 | Aircrew/Aircraft Loss Report (LOSREP) | S | 19 | 2 | 8 | 714 | 1,286K |
| 156 | Installation Damage Report (INREP) | S | 50 | 3 | 7 | 30 | 33,000 |
| 157 | Petroleum Damage/Deficiency Rprt. (REPOL) | S | 10 | 3 | 8 | 30 | 13,050 |
| 158 | Aircraft Lineup Report (LINEUP) | S | 40 | 16 | 3 | 1 | 890 |
| 159 | Arrival Report, TACOP | S | 40 | 12 | 6 | 195 | 32,760 |
| 160 | Departure Report | S | 40 | 14 | 9 | 39 | 5,109 |
| 161 | Deviation Report | S | 40 | 12 | 14 | 15 | 3,810 |
| 162 | Airborne Command Post Report (ACP) | S | 41 | 4 | 8 | 1 | 12,117 |
| 163 | Deployment Summary Report (DEPSUM II) | S | 40 | 3 | 10 | 15 | 11,430 |
| 164 | Operations Summary Report (OPREP-5) | S | 42 | 16 | 16 | 7,019 | 3,299K |
| 165 | Combat Activities Report (COACT) | S | 47 | 23 | 17 | 5 | 70,200 |
| 166 | Force Status Report (FORSTAT) | S | 47 | 23 | 17 | 5 | 40,600 |
| 167 | Comm. Electronics Operations Rprt. (COMOPS) | S | 46 | 3 | 5 | 1,347 | 256K |
| 168 | Logistic Status Report (LOGSTAT) | S | 42 | 2 | 42 | 1,200 | 1,764K |

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | File Size No. of Records | File Size Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 169 | Airlift Frag Order | S | 54 | 2 | 24 | 2,444 | 5,500K |
| 170 | Tactical Unit Status (Airlift) | C | 12 | 2 | 10 | 361 | 132K |
| 171 | Mission Schedule (Airlift) | S | 65 | 5 | 25 | 5,800 | 591K |
| 172 | Frag Order Remark (ALMS) | S | 0 | 1 | 3 | 30 | 97,500 |
| 173 | Frag Order Addresses (FODL for Airlift Frag) | U | 46 | 7 | 3 | 65 | 4,599 |
| 174 | Airfield Designators (AIMS) | U | 0 | 1 | 6 | 100 | 4,700 |
| 175 | Airfield Status | C | 139 | 8 | 13 | 100 | 6,100 |
| 176 | Aerial Post Equipment | C | 40 | 1 | 4 | 160 | 4,000 |
| 177 | Combat Control Team | C | 0 | 3 | 6 | 90 | 4,500 |
| 178 | Aircraft Planning Factors | U | 0 | 5 | 4 | 9 | 729 |
| 179 | Aircraft Resources | C | 12 | 3 | 5 | 2,332 | 44,310 |
| 180 | Aircraft Routing | U | 0 | 3 | 5 | 150 | 4,200 |
| 181 | Recurring Missions Schedule | U | 7 | 6 | 15 | 1,617 | 165K |
| 182 | Airlift Requirements | S | 69 | 6 | 39 | 30 | 14,970 |
| 183 | Ground Time | U | 21 | 4 | 3 | 112 | 3,696 |
| 184 | Reconfiguration Time | U | 0 | 4 | 2 | 6 | 24 |
| 185 | Major Command | U | 1 | 5 | 2 | 19 | 152 |
| 186 | Priority Table | U | 0 | 2 | 2 | 27 | 1,026 |
| 187 | Security Classification | U | 120 | 37 | 2 | 7 | 140 |
| 188 | Cargo Type | U | 1 | 4 | 3 | 30 | 660 |
| 189 | Passenger Type | U | 1 | 4 | 2 | 5 | 165 |
| 190 | Pallet Type | U | 1 | 4 | 2 | 7 | 245 |
| 191 | Daylight Hours | U | 0 | 37 | 2 | 12 | 144 |
| 192 | Compatible Aircraft | U | 0 | 4 | 2 | 10 | 150 |
| 193 | Daily Airlift Summary | U | 1 | 1 | V | 3 | 49,000 |
| 194 | Airlift Operations Report (ALOREP) | TS | 18 | 6 | 75 | 3 | 332,000 |
| 195 | Airlift Aircraft Types | U | 0 | 2 | 2 | 9 | 72 |
| 196 | Airlift Country/Service/Operator | U | 1 | 1 | 2 | 18 | 342 |

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | File Size No. of Records | File Size Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 197 | Airlift Operating Units | U | 0 | 2 | 2 | 12 | 156 |
| 198 | Airlift Softie Function | U | 0 | 2 | 2 | 16 | 384 |
| 199 | Airlift Mission Delay Reasons | U | 0 | 2 | 2 | 18 | 326 |
| 200 | Airlift Mission Zone Utilization Reasons | U | 0 | 2 | 2 | 17 | 476 |
| 201 | Airlift Mission Abort/Diversion Reasons | U | 0 | 2 | 2 | 7 | 196 |
| 202 | Airlift Sortie Priorities | U | 0 | 2 | 2 | 8 | 352 |
| 203 | Airlift Traffic Delay Reasons | U | 0 | 2 | 2 | 17 | 510 |
| 204 | Airlift Frag Headquarters | U | 0 | 2 | 2 | 55 | 605 |
| 205 | Agency Supported (Airlift) | U | 1 | 1 | 2 | 18 | 396 |
| 206 | Airlift Delivery Mode | U | 0 | 2 | 2 | 5 | 85 |
| 207 | Airlift Load Types | U | 1 | 1 | 2 | 14 | 378 |
| 208 | ALOREP Collection Points | U | 0 | 2 | 2 | 3 | 51 |
| 209 | Airlift Squadron/Type Aircraft | U | 0 | 2 | 2 | 9 | 108 |
| 210 | Aircraft Type/ACL | U | 0 | 2 | 2 | 9 | 90 |
| 211 | Aircraft Type/Max Speed | U | 0 | 2 | 2 | 9 | 81 |
| 212 | Military Area Code | U | 0 | 2 | 2 | 2 | 50 |
| 213 | Controllers Log Book (Airlift) | S | 0 | 3 | V | 9,720 | 486K |
| 214 | Traffic D.O.'s Log Book | U | 25 | 2 | 14 | 2,250 | 360K |
| 215 | Radio Operators Log Book | U | 132 | 2 | 5 | 180,000 | 18M |
| 216 | Supply/Administrative Records | U | 110 | 5 | 6 | 90 | 11-K |
| 217 | KAC Code Book | S | 108 | 6 | 4 | 3 | 53K |
| 218 | Airlift S.O.P.'s File | U | 0 | 10 | V | 10 | 52.5K |
| 219 | Airfield Folder | U | 88 | 8 | 22 | 100 | 75K |
| 220 | Area-Function File | S | 14 | 24 | 10 | 5 | 5,695 |
| 221 | Mission Number File | U | 0 | 19 | 10 | 3 | 6,807 |
| 222 | Special Instructions File | S | 0 | 19 | 5 | 720 | 69,840 |
| 223 | Base to Track (Refueling) File | S | 0 | 21 | 6 | 450 | 33,750 |
| 224 | Action Log (Surveillance) | S | 0 | 7 | 7 | 4,316 | 695K |

TABLE 3-1. CHARACTERISTICS OF FILE SIZE, CLASSIFICATION AND USER

| File No. | File Subject | Highest Security Classification | No. of Users External | No. of Users Internal | No. of Item | File Size No. of Records | File Size Total Size (# of Characters) |
|---|---|---|---|---|---|---|---|
| 225 | Action Log (Defensive Fighter Opers) | S | 0 | 7 | 7 | 2,161 | 348K |
| 226 | Action Log (Weapons Controller) | S | 0 | 5 | 7 | 12,962 | 2,087K |
| 227 | Action Log (Search and Rescue) | S | 0 | 4 | 7 | 2,161 | 348K |
| 228 | Action Log (Intelligence) | S | 1 | 3 | 7 | 2,161 | 348K |
| 229 | Activities Log (Reconnaissance) | S | 1 | 4 | 7 | 4,882 | 786K |
| 230 | Daily Activities Log (Photo Intel. Officer) | S | 0 | 10 | 7 | 1,080 | 174K |
| 231 | Daily Journal (Fighter Officer Plans) | S | 0 | 12 | 7 | 2,161 | 348K |
| 232 | Daily Journal (Air Defense Officer Plans) | S | 0 | 12 | 7 | 2,161 | 348K |
| 233 | Air Terminal Team File | U | 55 | 1 | 20 | 1,345 | 378K |
| 234 | Casualty Staging Facility File | U | 3 | 1 | 10 | 270 | 58,860 |
| 235 | Inflight Team File | U | 10 | 1 | 11 | 902 | 112K |

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA

Common Functional Group

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 001 | Operations Plans | 140K | 5.31 |
| 002 | Operations Orders | 0420K | 15.9 |
| 003 | Regulations | 1260K | 47.8 |
| 004 | Defcon Status | 00064 | <1 |
| 006 | Airfield Directory | 0124K | 4.71 |
| 007 | Daily Airfield Status | 29500 | 1.12 |
| 011 | TACS Facility Status | 03744 | <1 |
| 021 | Restrictive Fire Plan | 14000 | <1 |
| 022 | Missle/Hot Zone Data | 00606 | <1 |
| 028 | TACC SOPS | 87500 | 3.32 |
| 029 | Air Situation Data | 75000 | 2.84 |
| 047 | Contaminated Areas Notification | 01900 | <1 |
| 048 | Nudet Reports | 01500 | <1 |
| 049 | Nuclear Strike Warning | 02160 | <1 |
| 050 | Nuclear Restricted Area Warning | 02400 | <1 |
| 094 | A/G Reporting Procedures | 17500 | <1 |
| 095 | Air Terminal Control Procedures | 70000 | 2.65 |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Common Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 096 | Control Point Data | 28000 | 1.06 |
| 097 | Air Traffic Ident Procedures | 28000 | 1.06 |
| 098 | Priorities For Airspace Use | 28000 | 1.06 |
| 099 | Air Corridor Data | 28000 | 1.06 |
| 100 | Free Airspace Data | 0140K | 5.31 |
| 101 | Restricted Airspace Data | 03500 | <1 |
| 102 | Friendly Airspace Data | 70000 | 2.65 |
| 175 | Airfield Status | 06100 | <1 |
| 187 | Security Classification | 00140 | <1 |
| 191 | Daylight Hours | 00144 | <1 |
| 217 | KAC Code Book | 0053K | 2.01 |
| | Total Common | 2,634,758 | 100% |

3.87% of Total Data Base

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Common Plans and Opns Functional Group

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 005 | Friendly Ground Situation Data | 0150K | 1.34 |
| 008 | Tactical Unit Status-Fighter | 02256 | <1 |
| 009 | Tactical Unit Munitions Status | 19332 | <1 |
| 010 | Mission Schedule-Fighter | 39990 | <1 |
| 012 | SAM/ADA Weapons Status | 09920 | <1 |
| 015 | Air Defense Priorities | 17500 | <1 |
| 016 | Orb PTS-Routes for Air Def Acft | 08750 | <1 |
| 017 | Fighter Escort Requirements | 12069 | <1 |
| 018 | CAS and Interdiction Request | 34656 | <1 |
| 023 | Fighter Alert Status | 01424 | <1 |
| 025 | Frag Order-Fighter | 0750K | 6.72 |
| 030 | Ground Sensor Data | 20000 | 1 |
| 031 | Tactical Unit Status-Recon | 00282 | <1 |
| 032 | Recon Aircraft Alert Status | 00184 | <1 |
| 033 | Recon Mission Schedule | 09234 | <1 |
| 034 | Recon Mission Request | 32298 | <1 |
| 035 | Recon Aircraft Characteristics | 1750K | 15.68 |

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Common Plans and Opns Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 036 | SOPS For Recon Duty Personnel | 42000 | <1 |
| 037 | Frag Order-Recon | 0135K | 1.21 |
| 038 | ECM Mission Schedule | 02868 | <1 |
| 041 | ECM Support Requirements | 01308 | <1 |
| 042 | ECM Data | 0420K | 3.76 |
| 043 | ECM Threat Data | 25920 | <1 |
| 044 | Electronic Tactical Action Report | 15066 | <1 |
| 045 | ECCM Data | 0212K | 1.9 |
| 046 | Bomber Mission Data | 11025 | <1 |
| 051 | Biological/Chemical Attack Report | 00850 | <1 |
| 052 | Intend Empl of C/B Weapons Report | 01260 | <1 |
| 0 | Weapons Characteristics | 5250K | 47.05 |
| 084 | Tactical Unit Status (SOF) | 43470 | <1 |
| 085 | Psyc Warfare Mission Data (SOF) | 21000 | <1 |
| 087 | Hericide Frag Order (SOF) | 11880 | <1 |
| 088 | Psyc Warfare Frag Order (SOF) | 28080 | <1 |

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Common Plans and Opns Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 090 | Weekly Flying Schedule (SOF) | 00128 | <1 |
| 091 | SOF for SOF Duty Personnel | 07000 | <1 |
| 093 | Area of Responsibility Changes | 07000 | <1 |
| 104 | Guidance for Airspace Management | 28000 | <1 |
| 105 | Air Traffic Control Instructions | 0420K | 3.76 |
| 106 | Airspace Conflict Data | 52500 | <1 |
| 108 | Mission Routing Coordination | 0315K | 2.82 |
| 109 | SAR Aircraft Alert Status | 09870 | <1 |
| 112 | SAR Aircraft Characteristics | 0150K | 1.34 |
| 114 | SAR Support Requirements | 36360 | <1 |
| 115 | SAR Tactical Unit Status Report | 05160 | <1 |
| 116 | SAR Frag Order | 9560 | <1 |
| 133 | Tactical Unit Status (Tanker) | 65700 | <1 |
| 134 | Refueling Requirements | 0640K | 5.73 |
| 135 | Tanker Frag Order | 59400 | <1 |
| 136 | Mission Schedule (Tanker) | 65700 | <1 |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (CONT'D.)

Common Plans & Opns. Functional Group (Cont'd.)

| FILE NUMB | FILE NAME | NO OF CHAR | % of Group Total Volume | |
|-----------|-----------|------------|-------------------------|---|
| 139 | SOP S FOR TANKER DUTY PERSONNEL | 21000 | <1 | U |
| 140 | TRACK DATA | 75000 | <1 | U |
| 220 | AREA-FUNCTION FILE | 05695 | <1 | S |
| 222 | SPECIAL INSTRUCTION FILE | 69840 | <1 | S |
| 223 | BASE TO TRACK FILE-REFUELING | 33750 | <1 | S |
| | Total Common Plans & Operations | 11,156,285 | 100% | |

16.4% of Total Data Base

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (CONT'D.)

Plans Functional Group

| FILE NUMB | FILE NAME | NO OF CHAR | % of Group Total Volume |
|---|---|---|---|
| 13 | FORCE ALLOCATION | 00484 | <1 |
| 14 | AIR DEFENSE PLANNING COORD | 04000 | <1 |
| 19 | INTERDICTION MISSION PROFILE | 2880 | <1 |
| 20 | FIGHTER MISSION PLANNING | 13206 | 1.3 |
| 39 | ECM MISSION RECOMMENDATION | 03294 | <1 |
| 40 | ECM MISSION REQUIREMENTS | 15480 | 1.5 |
| 65 | TARGET PRIORITY LIST | 71466 | 6.8 |
| 66 | TARGET NOMINATION LIST | 41500 | 3.9 |
| 86 | HERBICIDE MISSION PLAN DATA SOF | 21060 | 2.0 |
| 103 | AIRSPACE UTILIZATION PLAN | 21000 | 2.0 |
| 107 | AIR TRAFFIC HANDLING CAPABILITY | 0105K | 10.0 |
| 132 | TANKER RESOURCES AVAILABLE | 24200 | 2.3 |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | 35000 | 3.3 |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | 0348K | 33.0 |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | 0348K | 33.0 |
| | Total Plans | 1,056,570 | 100% |

1.55% of Total Data Base

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Current Operations Functional Group

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 024 | Tactical Action Data | 00690 | <1 |
| 026 | Action Log-Ftr Ops Duty Officer | 15840 | <1 |
| 027 | Defcon/Air Raid Warning Log | 17925 | <1 |
| 089 | Notification-Exec-Herb-MSN (SOF) | 08760 | <1 |
| 092 | Mission Report (Misrep) (SOF) | 01485 | <1 |
| 110 | SAR Mission Data | 0102K | 1.9 |
| 111 | SAR Mission Progress Report | 27346 | <1 |
| 113 | SAR Duty Officer SOP | 14000 | <1 |
| 117 | SAR Mission Report (MISREP) | 0104K | 1.9 |
| 118 | Rescue Information Report | 0168K | 3.1 |
| 137 | Refueling Mission Comp. Report | 0306K | 5.7 |
| 224 | Action Log-Surveillance | 0695K | 12.9 |
| 225 | Action Log-Fighter Operations | 0348K | 6.5 |
| 226 | Action Log-Weapons Controller | 2087K | 38.8 |
| 227 | Action Log-Search and Rescue | 0348K | 6.5 |
| 228 | Action Log-Intelligence | 0348K | 6.5 |
| 229 | Activity Log-RECCE | 0786K | 14.6 |
| | Total Operations | 5,378,046 | 100% |

7.9% of Total Data Base

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Intelligence Functional Area

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 054 | Inflight Intelligence Report | 45162 | <1 |
| 055 | Enemy Air Order of Battle Smy | 1462K | 20.8 |
| 056 | Enemy Grd Order of Battle Smy | 3110K | 44.4 |
| 057 | Enemy Nav Order of Battly Smy | 0137K | 2.0 |
| 058 | Enemy Comm Order of Battle Smy | 0173K | 2.5 |
| 059 | Hot News Reports/Spot Intel Reports | 2898 | <1 |
| 060 | Elint Inflight Report | 01644 | <1 |
| 061 | Immed Photo/Intelligence Report | 10179 | <1 |
| 062 | Intelligence Summary | 31500 | <1 |
| 063 | Enemy Elec Order of Battly Smy | 0248K | 3.5 |
| 064 | Enemy AA/SAM Order of Battle Smy | 0178K | 2.5 |
| 068 | Intel Inputs to Frag Order | 32122 | <1 |
| 069 | Intelligence Briefing Data | 60000 | <1 |
| 070 | Intelligence Study | 17500 | <1 |
| 071 | Intelligence Estimate | 17880 | <1 |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Intelligence Functional Area (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 072 | Collection Requirements EEI | 27000 | <1 |
| 073 | Intel Duty Personnel SOPS | 03500 | <1 |
| 074 | Intelligence Report | 0613K | 8.8 |
| 075 | Mission Recommendation | 0447K | 6.4 |
| 076 | Elint Mission Request | 06075 | <1 |
| 077 | Ground Fire Report | 03780 | <1 |
| 078 | Defense Analysis | 36000 | <1 |
| 079 | Threat Evaluation | 03000 | <1 |
| 080 | Mission Report Tacintell Misrep | 70315 | 1.0 |
| 081 | Post Strike Imagery Report | 10620 | <1 |
| 082 | Unifile Photo Interp Report | 60984 | <1 |
| 083 | Consolidated Imagery Requirement | 13338 | <1 |
| 230 | Daily Activity Log-Photo Intelligence | 0174K | 2.5 |
| | Total Intelligence | 6,995,497 | 100% |

10.28% of Total Data Base

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Airlift Functional Group

| File Number | | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 067 | LZ/DZ/EZ Intelligence | 10560 | <1 |
| 169 | Frag Order (Airlift) | 5500K | 20.7 |
| 170 | Tactical Unit Status (Airlift) | 0132K | <1 |
| 171 | Mission Schedule (Airlift) | 0591K | 2.2 |
| 172 | Frag Order Remarks (AIMS) | 97500 | <1 |
| 173 | Frag Order Addresses (FODL) | 04599 | <1 |
| 174 | Airfield Designators (AIMS) | 04700 | <1 |
| 176 | Aerial Port Equipment | 04000 | <1 |
| 177 | Combat Control Team | 04500 | <1 |
| 178 | Aircraft Planning Factors | 00729 | <1 |
| 179 | Aircraft Resources | 44310 | <1 |
| 180 | Aircraft Routing | 04200 | <1 |
| 181 | Recurring Missions Schedule | 0165K | <1 |
| 182 | Airlift Requirements | 14970 | <1 |
| 183 | Ground Time | 03696 | <1 |
| 184 | Reconfiguration Time | 0024 | <1 |
| 185 | Major Command | 00152 | <1 |
| 186 | Priority Table | 01026 | <1 |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Airlift Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 188 | Cargo Type | 00660 | <1 |
| 189 | Passenger Type | 00165 | <1 |
| 190 | Pallet Type | 00245 | <1 |
| 192 | Compatible Aircraft | 00150 | <1 |
| 193 | Daily Airlift Summary | 48600 | <1 |
| 194 | Airlift Operations Report - ALOREP | 0332K | 1.2 |
| 195 | Airlift Aircraft Types | 00072 | <1 |
| 196 | Airlift Country-Service-Operator | 00342 | <1 |
| 197 | Airlift Operating Units | 00156 | <1 |
| 198 | Airlift Sortie Function | 00384 | <1 |
| 199 | Airlift Mission Delay Reasons | 00396 | <1 |
| 200 | Airlift Mission Low Utilization | 00476 | <1 |
| 201 | Airlift MSN Abort-Diversion | 00196 | <1 |
| 202 | Airlift Sortie Priorities | 00352 | <1 |
| 203 | Airlift Traffic Delay Reasons | 00510 | <1 |
| 204 | Airlift Frag Headquarters | 00605 | <1 |
| 205 | Agencies Supported-Airlift | 00396 | <1 |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (Continued)

Airlift Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 206 | Airlift Delivery Mode | 00085 | <1 |
| 207 | Airlift Mode Types | 00378 | <1 |
| 208 | Alorep Collection Points | 00051 | <1 |
| 209 | Airlift Squadron-Type Aircraft | 00108 | <1 |
| 210 | Aircraft Type ACL | 00090 | <1 |
| 211 | Aircraft Type-Max Speed | 00081 | <1 |
| 212 | Military Area Code | 00050 | <1 |
| 213 | Controllers Log Book-Airlift | 0486K | 1.8 |
| 214 | AICC Command Post | 0360K | 1.4 |
| 215 | Radio Operators Log Book | 0018M | 67.7  26.5% of the Total Data Base |
| 216 | Supply-Administrative Records | 0114K | <1 |
| 218 | Airlift SOPS | 52500 | <1 |
| 219 | Airfield Folder | 0075K | <1 |
| 221 | Mission Number File | 06807 | <1 |
| 233 | Air Terminal Team File | 0378K | 1.4 |
| 234 | Casualty Staging Facility File | 58860 | <1 |
| 235 | Inflight Team File | 0112K | <1 |
| | Total Airlift | 26,612,681 | 100% |

39.12% of Total Data Base

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Reports Functional Group

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 141 | Daily Medical Status Rpt (MEDREP) | 0124K | 1.06 |
| 142 | Medical Contingency Report (MEDCON) | 0124K | 1.06 |
| 143 | Medical Emergency Report (MEDMER) | 46980 | <1 |
| 144 | Personnel Deploy. Report (PERSDEP) | 0250K | 2.15 |
| 145 | Personnel Status Report (PERSTAT) | 1741K | 14.96 |
| 146 | Unit ID System Report (UCODES) | 0182K | 1.56 |
| 147 | Civil Affairs Report (CIVAF) | 0148K | 1.27 |
| 148 | Claims Report (CLAIMS) | 1620K | 13.92 |
| 149 | Deploy Plan Summary Report (DEPSUM1) | 01560 | <1 |
| 150 | OPS Start Report (OPREP-2) | 02340 | <1 |
| 151 | Operations Stop Report (OPREP-4) | 00316 | <1 |
| 152 | Opns Event/Incident Report (OPREP-3) | 0454K | 3.9 |
| 153 | Commanders Situation Rprt (SITREP) | 0108K | <1 |
| 154 | Comm Security Report (COMSEC) | 03600 | <1 |
| 155 | Aircrew/Acft Loss Report (LOSREP) | 1286K | 11.05 |
| 156 | Installation Damage Report (INREP) | 33000 | <1 |
| 157 | Petro Dmge/Deficiency Report (REPOL) | 13050 | <1 |

TABLE 3.2 FUNCTIONAL GROUP SIZE DATA (Continued)

Reports Functional Group (Continued)

| File Number | File Name | No. of Char | % of Group Total Volume |
|---|---|---|---|
| 158 | Aircraft Lineup Report (LINEUP) | 00890 | <1 |
| 159 | Arrival Report TACOP | 32760 | <1 |
| 160 | Departure Report, TACOP | 05109 | <1 |
| 161 | Deviation Report | 03810 | <1 |
| 162 | Airborne Command Post Report (ACP) | 12117 | <1 |
| 163 | Deployment Sum Report (DEPSUM-2) | 11430 | <1 |
| 164 | Operations Sum Report (OPREP-5) | 3299K | 28.35 |
| 165 | Combat Activities Report (COACT) | 10200 | <1 |
| 166 | Force Status Report (FORSTAT) | 40600 | <1 |
| 167 | Comm Elecir Opns Report (COMOPS) | 0256K | 2.2 |
| 168 | Logistic Status Report (LOGSTAT) | 1764K | 15.16 |
| | Total Operations | 11,633,762 | 100% |
| | | | 17.1% of Total Data Base |

TABLE 3.2  FUNCTIONAL GROUP SIZE DATA (CONT'D.)

Weather Functional Group

| FILE NUMB | FILE NAME | NO OF CHAR | % of Group Total Volume |
|-----------|-----------|------------|-------------------------|
| 119 | AREA WEATHER FORECAST | 36000 | 1.4 |
| 120 | TERMINAL WEATHER FORECAST | 0316K | 12.4 |
| 121 | SPECIAL MISSION FORECAST | 35820 | 1.4 |
| 122 | SEVERE WEATHER WARNING | 00180 | <1 |
| 123 | WINDS ALOFT | 12000 | <1 |
| 124 | FAC WEATHER REPORT | 0210K | 8.2 |
| 125 | PILOT WEATHER REPORT | 0471K | 18.5 |
| 126 | WEATHER RECONNISSANCE REPORT | 07260 | <1 |
| 127 | AIRBASE WEATHER OBSERVATION | 1298K | 51.0 |
| 128 | WEATHER MAP AND CHARTS | 00000 | <1 |
| 129 | RADAR WEATHER REPORTS | 29160 | 1.1 |
| 130 | ARMED FORCES SURFACE WX OBS | 0129K | 5.1 |
| 131 | WEATHER INFORMATION REQUEST | 02710 | <1 |
| | Total Weather | 2,547,130 | 100% |

3.74% of Total Data Base

TABLE 3.3  FILES CONTAINING OVER ONE MILLION CHARACTERS

| File No. | File Name | File Classification | Number of Characters |
|---|---|---|---|
| 003 | Regulations | Unclassified to Secret | 1,260,000 |
| 035 | Recon Aircraft Characteristics | Unclassified to Confidential | 1,750,000 |
| 053 | Weapons Characteristics | Unclassified to Top Secret | 5,250,000 |
| 055 | Enemy Air Order of Battle | Secret | 1,462,000 |
| 056 | Enemy Ground Order of Battle | Secret | 3,110,000 |
| 127 | Airbase Weather Observations | Unclassified | 1,298,000 |
| 145 | Personnel Status Report (PERSTAT) | Secret | 1,741,000 |
| 148 | Claims Report (CLAIMS) | Unclassified | 1,620,000 |
| 155 | Aircrew/Aircraft Loss Report (LOSREP) | Secret | 1,256,000 |
| 164 | Operations Summary Report (OPREP-5) | Secret | 3,293,000 |
| 168 | Logistic Status Report (LOGSTAT) | Secret | 1,764,000 |
| 169 | Frag Order (Airlift) | Unclassified to Secret | 5,500,000 |
| 215 | Radio Operators Log Book | Unclassified | 18,000,000 |
| 226 | Action Log – Weapons Controller | Unclassified to Secret | 2,087,000 |

4.0   LISTING--FILES GROUPED BY SECURITY CLASSIFICATION/VOLUME

## 4.0 LISTING - FILES GROUPED BY SECURITY CLASSIFICATION/VOLUME

The objective of this section is to group the data files by security classification and to show the volume of each file and the total volume of data in each category of security classification. Listed below are the categories of security classification and the table number in which the files in each category are listed.

| | |
|---|---|
| Unclassified | Table 4.2 |
| Confidential | Table 4.3 |
| Secret | Table 4.4 |
| Top Secret | Table 4.5 |
| Unclassified to Confidential | Table 4.6 |
| Unclassified to Secret | Table 4.7 |
| Unclassified to Top Secret | Table 4.8 |
| Confidential to Secret | Table 4.9 |
| Secret to Top Secret | Table 4.10 |

It was discovered during the data collection phase of the study that the security classification of a file could not always be pre-determined. Sometimes the classification of the data depends on the type of operation. For example, the mission request files probably would be all unclassified in a non-combat type of operation, whereas in a nuclear combat operation they probably would contain mission requests varying from unclassified to top secret. Some files normally contain data of mixed security classifications. A good example of one of these is the airlift request file. Many airlift missions are unclassified while others are confidential or secret. As a result for purposes of this study categories of mixed security classifications have been included.

The listings in this section are products of analysis 1 and 2 of the 15 types of analysis listed on pages 19a and 19b of the Tasks 2 and 3 Problem Definition Document, CDRL Item A-002.

Product of Analysis 1 is "A listing of all the data files in the TACC data base, grouped by security classification, showing the total volume for each file, the volume at each classification level for each file, and the totals of all volumes for all the files in each security classification group."

Product of Analysis 2 is "A listing of those files containing both classified and unclassified data and the volume of each security classification in each file."

TABLE 4.1A   SUMMARY OF FILE SECURITY CLASSIFICATION

(Product of Analysis 1)

| Security Classification | No. of Files | % of Total Number | Vol. of Files | % of Total Volume |
|---|---|---|---|---|
| Unclassified | 68 | 28.9 | 24,084,917 | 35.41 |
| Confidential | 6 | 2.6 | 119,210 | 0.16 |
| Secret | 79 | 33.6 | 17,839,057 | 26.23 |
| Top Secret | 2 | .8 | 4,560 | 0.007 |
| Unclassified to Confidential | 4 | 1.7 | 1,895,100 | 2.78 |
| Unclassified to Secret | 62 | 26.4 | 16,797,842 | 24.69 |
| Unclassified to Top Secret | 7 | 3.0 | 6,339,898 | 9.32 |
| Confidential to Secret | 1 | .4 | 10,179 | 0.02 |
| Secret to Top Secret | 6 | 2.6 | 923,966 | 1.36 |
| | 235 | 100% | 68,014,729 | 100% |

4.0    LISTING-FILES GROUPED BY SECURITY CLASSIFICATION/VOLUME (Continued)

Table 4.1 indicates that the Secret files in the TACC Data base have the largest file population in terms of number and volume. The second largest population in the same terms is the unclassified files. In the area where classification varies, the set of files containing unclassified to secret data has the largest number and volume.

In consideration of the automated TACC design where the highest classification of data within a file will probably dictate the security technique used to access the data (unless the file structure is re-organized to reduce this property) Table 4.1B is believed to be useful. This table sums the totally confidential files with the mixed classification files of which the highest classification is confidential, and likewise for the other security classifications.

TABLE 4.1B   SUMMARY OF FILE SECURITY CLASSIFICATION

(Product of Analysis 2)

| Security Classification | No. of Files | % of Total Number | Vol. of Files | % of Total Volume |
|---|---|---|---|---|
| Unclassified | 68 | 28.9 | 24,084,917 | 35.41 |
| Confidential | 10 | 4.3 | 2,014,310 | 2.96 |
| Secret | 142 | 60.4 | 34,647,078 | 50.92 |
| Top Secret | 15 | 6.4 | 7,268,424 | 10.71 |
|  | 235 | 100.0% | 68,014,729 | 100.0% |

Under these conditions, it can be seen that the secret files represent over 60% of the number of files in the TACC data base and nearly 51% of the volume. Therefore, the security technique for accessing secret files should be the technique receiving the most design attention in order to achieve an optimum throughput and response time system characteristic.

## TABLE 4.2. VOLUME OF UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 28 | TACC SOPS | 87500 |
| 29 | AIR SITUATION DATA | 75000 |
| 36 | SOPS FOR RECON DUTY PERSONNEL | 42000 |
| 48 | NUDET REPORTS | 01500 |
| 54 | INFLIGHT INTELLIGENCE REPORT | 45162 |
| 73 | INTEL DUTY PERSONNEL SOPS | 03500 |
| 91 | SOP FOR SOF DUTY PERSONNEL | 07000 |
| 112 | SAR AIRCRAFT CHARACTERISTICS | 0150K |
| 113 | SAR DUTY OFFICER SOP | 14000 |
| 119 | AREA WEATHER FORECAST | 36000 |
| 120 | TERMINAL WEATHER FORECAST | 0316K |
| 121 | SPECIAL MISSION FORECAST | 35820 |
| 122 | SEVERE WEATHER WARNING | 00180 |
| 123 | WINDS ALOFT | 12000 |
| 124 | FAC WEATHER REPORT | 0210K |
| 125 | PILOT WEATHER REPORT | 0471K |
| 126 | WEATHER RECONNISSANCE REPORT | 07260 |

TABLE 4. 2. VOLUME OF UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 127 | AIRBASE WEATHER OBSERVATION | 1298K |
| 128 | WEATHER MAP AND CHARTS | 00000 |
| 129 | RADAR WEATHER REPORTS | 29160 |
| 130 | ARMED FORCES SURFACE WX OBS | 0129K |
| 131 | WEATHER INFORMATION REQUEST | 02710 |
| 139 | SOP S FOR TANKER DUTY PERSONNEL | 21000 |
| 140 | TRACK DATA | 75000 |
| 148 | CLAIMS RPT CLAIMS | 1620K |
| 173 | FRAG ORDER ADDRESSES FODL | 04599 |
| 174 | AIRFIELD DESIGNATORS ALMS | 04700 |
| 178 | AIRCRAFT PLANNING FACTORS | 00729 |
| 180 | AIRCRAFT ROUTING | 04200 |
| 181 | RECURRING MISSIONS SCHEDULE | 0165K |
| 183 | GROUND TIME | 03696 |
| 184 | RECONFIGURATION TIME | 00024 |
| 185 | MAJOR COMMAND | 00152 |
| 186 | PRIOITY TABLE | 01026 |

TABLE 4.2. VOLUME OF UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 187 | SECURITY CLASSIFICATION | 00140 |
| 188 | CARGO TYPE | 00660 |
| 189 | PASSENGER TYPE | 00165 |
| 190 | PALLET TYPE | 00245 |
| 191 | DAYLIGHT HOURS | 00144 |
| 192 | COMPATIBLE AIRCRAFT | 00150 |
| 193 | DAILY AIRLIFT SUMMARY | 48600 |
| 195 | AIRLIFT AIRCRAFT TYPES | 00072 |
| 196 | AIRLIFT COUNTRY-SERVICE-OPERATOR | 00342 |
| 197 | AIRLIFT OPERATING UNITS | 00156 |
| 198 | AIRLIFT SORTIE FUNCTION | 00384 |
| 199 | AIRLIFT MISSION DELAY REASONS | 00396 |
| 200 | AIRLIFT MISSION LOW UTILIZATION | 00476 |
| 201 | AIRLIFT MSN ABORT-DIVERSION | 00196 |
| 202 | AIRLIFT SORTIE PRIORTIES | 00352 |
| 203 | AIRLIFT TRAFFIC DELAY REASONS | 00510 |
| 204 | AIRLIFT FRAG HEADQUARTERS | 00605 |

TABLE 4.2.   VOLUME OF UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|---|---|---|
| 205 | AGENCIES SUPPORTED-AIRLIFT | 00396 |
| 206 | AIRLIFT DELIVERY MODE | 00085 |
| 207 | AIRLIFT MODE TYPES | 00378 |
| 208 | ALOREP COLLECTION POINTS | 00051 |
| 209 | AIRLIFT SQUADRON-TYPE AIRCRAFT | 00108 |
| 210 | AIRCRAFT TYPE-ACL | 00090 |
| 211 | AIRCRAFT TYPE-MAX SPEED | 00081 |
| 212 | MILITARY AREA CODE | 00050 |
| 214 | ALCC COMMAND POST | 0360K |
| 215 | RADIO OPERATORS LOG BOOK | 0018M |
| 216 | SUPPLY-ADMINISTRATIVE RECORDS | 0114K |
| 218 | AIRLIFT SOPS | 52500 |
| 219 | AIRFIELD FOLDER | 0075K |
| 221 | MISSION NUMBER FILE | 06807 |
| 233 | AIR TERMINAL TEAM FILE | 0378K |
| 234 | CASUALTY STAGING FACILITY FILE | 58860 |
| 235 | INFLIGHT TEAM FILE | 0112K |

TABLE 4.3.  VOLUME OF CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|---|---|---|
| 7 | DAILY AIRFIELD STATUS | 29500 |
| 47 | CONTAMINATED AREAS NOTIFICATION | 01900 |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | 35000 |
| 176 | AERIAL PORT EQUIPMENT | 04000 |
| 177 | COMBAT CONTROL TEAM | 04500 |
| 179 | AIRCRAFT RESOURCES | 44310 |

## TABLE 4.4.   VOLUME OF SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | 0150K |
| 8 | TACTICAL UNIT STATUS-FIGHTER | 02256 |
| 9 | TACTICAL UNIT MUNITIONS STATUS | 19332 |
| 10 | MISSION SCHEDULE-FIGHTER | 39990 |
| 12 | SAM/ADA WEAPONS STATUS | 09920 |
| 20 | FIGHTER MISSION PLANNING | 13206 |
| 21 | RESTRICTIVE FIRE PLAN | 14000 |
| 23 | FIGHTER ALERT STATUS | 01424 |
| 25 | FRAG ORDER-FIGHTER | 0750K |
| 26 | ACTION LOG-FTR OPS DUTY OFFICER | 15840 |
| 27 | DEFCON/AIR RAID WARNING LOG | 17925 |
| 30 | GROUND SENSOR DATA | 20000 |
| 32 | RECON AIRCRAFT ALERT STATUS | 00184 |
| 33 | RECON MISSION SCHEDULE | 09234 |
| 38 | ECM MISSION SCHEDULE | 02868 |
| 39 | ECM MISSION RECOMMENDATION | 03294 |
| 40 | ECM MISSION REQUIREMENTS | 15480 |

TABLE 4.4.  VOLUME OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 41 | ECM SUPPORT REQUIREMENTS | 01308 |
| 42 | ECM DATA | 0420K |
| 43 | ECM THREAT DATA | 25920 |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | 15066 |
| 45 | ECCM DATA | 0212K |
| 51 | BIOLOGICAL/CHEMICAL ATTACK RPRT | 00850 |
| 52 | INTEND EMPL OF C/B WEAPONS RPRT | 01260 |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | 1462K |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | 3110K |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | 0137K |
| 60 | ELINT INFLIGHT REPORT | 01644 |
| 63 | ENEMY ELEC ORDER OF BATTLE SMY | 0248K |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | 0178K |
| 66 | TARGET NOMINATION LIST | 41500 |
| 67 | LZ/DZ/EZ INTELLIGENCE | 10560 |
| 68 | INTEL INPUTS TO FRAG ORDER | 32122 |
| 71 | INTELLIGENCE ESTIMATE | 17880 |

## TABLE 4.4.  VOLUME OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|---|---|---|
| 78 | DEFENSE ANALYSIS | 36000 |
| 79 | THREAT EVALUATION | 03000 |
| 80 | MISSION REPORT TACINTELL MISREP | 70315 |
| 82 | UNIFILE PHOTO INTERP REPORT | 60984 |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | 13338 |
| 84 | TACTICAL UNIT STATUS   SOF | 43470 |
| 85 | PSYC WARFARE MISSION DATA   SOF | 21000 |
| 87 | HERICIDE FRAG ORDER   SOF | 11880 |
| 88 | PSYC WARFARE FRAG ORDER   SOF | 28080 |
| 89 | NOTIFICATION-EXEC-HERB-MSN   SOF | 08760 |
| 92 | MISSION REPORT  MISREP   SOF | 01485 |
| 99 | AIR CORRIDOR DATA | 28000 |
| 110 | SAR MISSION DATA | 0102K |
| 115 | SAR TACTICAL UNIT STATUS REPORT | 05160 |
| 116 | SAR FRAG ORDER | 9560 |
| 117 | SAR MISSION REPORT  MISREP | 0104K |
| 118 | RESCUE INFORMATION REPORT | 0168K |

TABLE 4.4. VOLUME OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 132 | TANKER RESOURCES AVAILABLE | 24200 |
| 135 | TANKER FRAG ORDER | 59400 |
| 136 | MISSION SCHEDULE  TANKER | 65700 |
| 137 | REFUELING MISSION COMP. REPORT | 0306K |
| 142 | MEDICAL CONTINGENCY RPT  MEDCON | 0124K |
| 143 | MEDICAL EMERGENCY RPT  MEDMER | 46980 |
| 144 | PERSONNEL DEPLOY. RPT  PERSDEP | 0250K |
| 145 | PERSONNEL STATUS RPT  PERSTAT | 1741K |
| 147 | CIVIL AFFAIRS RPT  CIVAF | 0148K |
| 149 | DEPLOY PLAN SUMMARY RPT DEPSUM1 | 01560 |
| 150 | OPS START RPT  OPREP-2 | 02340 |
| 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | 0454K |
| 153 | COMMADERS SITUATION RPRT SITREP | 0108K |
| 154 | COMM SECURITY REPORT COMSEC | 03600 |
| 155 | AIRCREW/ACFT LOSS REPORT LOSREP | 1286K |
| 156 | INSTALLATION DAMAGE RPRT INREP | 33000 |
| 157 | PETRO DMGE/DEFICIENCY RPT REPOL | 13050 |

## TABLE 4.4.   VOLUME OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 162 | AIRBORNE COMMAND POST RPRT ACP | 12117 |
| 163 | DEPLOYMENT SUM RPRT DEPSUM-2 | 11430 |
| 164 | OPERATIONS SUM RPRT OPREP-5 | 3299K |
| 165 | COMBAT ACTIVITIES REPORT COACT | 70200 |
| 166 | FORCE STATUS REPORT FORSTAT | 40600 |
| 168 | LOGISTIC STATUS REPORT LOGSTAT | 1764K |
| 172 | FRAG ORDER REMARKS   ALMS | 97500 |
| 217 | KAC CODE BOOK | 0053K |
| 220 | AREA-FUNCTION FILE | 05695 |
| 222 | SPECIAL INSTRUCTION FILE | 69840 |
| 223 | BASE TO TRACK FILE-REFUELING | 33750 |

## TABLE 4.5. VOLUME OF TOP SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 49 | NUCLEAR STRIKE WARNING | 02160 |
| 50 | NUCLEAR RESTRICTED AREA WARNING | 02400 |

## TABLE 4.6. VOLUME OF UNCLASSIFIED TO CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 35 | RECON AIRCRAFT CHARACTERISTICS | 1750K |
| 93 | AREA OF RESPONSIBILITY CHANGES | 07000 |
| 170 | TACTICAL UNIT STATUS  AIRLIFT | 0132K |
| 175 | AIRFIELD STATUS | 06100 |

## TABLE 4.7. VOLUME OF UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 3 | REGULATIONS | 1260K |
| 4 | DEFCON STATUS | 00064 |
| 6 | AIRFIELD DIRECTORY | 0124K |
| 11 | TACS FACILITY STATUS | 03744 |
| 13 | FORCE ALLOCATION | 00484 |
| 14 | AIR DEFENSE PLANNING COORD | 06000 |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | 08750 |
| 17 | FIGHTER ESCORT REQUIREMENTS | 12069 |
| 18 | CAS AND INTERDICTION REQUEST | 34656 |
| 19 | INTERDICTION MISSION PROFILE | 2880 |
| 22 | MISSLE/HOT ZONE DATA | 00606 |
| 24 | TACTICAL ACTION DATA | 00690 |
| 31 | TACTICAL UNIT STATUS-RECON | 00282 |
| 34 | RECON MISSION REQUEST | 32298 |
| 46 | BOMBER MISSION DATA | 11025 |
| 72 | COLLECTION REQUIREMENTS EEI | 27000 |
| 75 | MISSION RECOMMENDATION | 0447K |

## TABLE 4.7 VOLUME OF UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 76 | ELINT MISSION REQUEST | 06075 |
| 77 | GROUND FIRE REPORT | 03780 |
| 81 | POST STRIKE IMAGERY REPORT | 10620 |
| 86 | HERBICIDE MISSION PLAN DATA SOF | 21060 |
| 90 | WEEKLY FLYING SCHEDULE  SOF | 00128 |
| 94 | A/G REPORTING PROCEDURES | 17500 |
| 95 | AIR TERMINAL CONTROL PROCEDURES | 70000 |
| 96 | CONTROL POINT DATA | 28000 |
| 97 | AIR TRAFFIC IDENT PROCEDURES | 28000 |
| 98 | PRIOITIES FOR AIRSPACE USE | 28000 |
| 100 | FREE AIRSPACE DATA | 0140K |
| 101 | RESTRICTED AIRSPACE DATA | 03500 |
| 102 | FRIENDLY AIRSPACE DATA | 70000 |
| 103 | AIRSPACE UTILIZATION PLAN | 21000 |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | 28000 |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | 0420K |
| 106 | AIRSPACE CONFLICT DATA | 52500 |

## TABLE 4.7.   VOLUME OF UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 107 | AIR TRAFFIC HANDLING CAPABILITY | 0105K |
| 108 | MISSION ROUTING COORDINATION | 0315K |
| 109 | SAR AIRCRAFT ALERT STATUS | 09870 |
| 111 | SAR MISSION PROGRESS REPORT | 27346 |
| 114 | SAR SUPPORT REQUIREMENTS | 36360 |
| 133 | TACTICAL UNIT STATUS   TANKER | 65700 |
| 134 | REFUELING REQUIREMENTS | 0640K |
| 141 | DAILY MEDICAL STATUS RPT MEDREP | 0124K |
| 146 | UNIT ID SYSTEM RPT   UCODES | 0182K |
| 151 | OPERATIONS STOP REPORT OPREP-4 | 00316 |
| 158 | AIRCRAFT LINEUP REPORT LINEUP | 00890 |
| 159 | ARRIVAL REPORT,TACOP | 32760 |
| 160 | DEPARTURE REPORT,TACOP | 05109 |
| 161 | DEVIATION REPORT | 03810 |
| 167 | COMM ELECTR OPNS RPRT COMOPS | 0256K |
| 169 | FRAG ORDER   AIRLIFT | 5500K |
| 171 | MISSION SCHEDULE   AIRLIFT | 0591K |

TABLE 4.7. VOLUME OF UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 182 | AIRLIFT REQUIREMENTS | 14970 |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | 0486K |
| 224 | ACTION LOG-SURVEILLANCE | 0695K |
| 225 | ACTION LOG-FIGHTER OPERATIONS | 0348K |
| 226 | ACTION LOG-WEAPONS CONTROLLER | 2087K |
| 227 | ACTION LOG-SEARCH AND RESCUE | 0348K |
| 228 | ACTION LOG-INTELLIGENCE | 0348K |
| 229 | ACTIVITY LOG-RECCE | 0786K |
| 230 | DAILY ACTIVITY LOG-PHOTO INTELL | 0174K |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | 0348K |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | 0348K |

## TABLE 4.8. VOLUME OF UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|:---:|:---|:---:|
| 1 | OPERATIONS PLANS | 0140K |
| 2 | OPERATIONS ORDERS | 0420K |
| 37 | FRAG ORDER-RECON | 0135K |
| 53 | WEAPONS CHARACTERISTICS | 5250K |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | 02898 |
| 69 | INTELLIGENCE BRIEFING DATA | 60000 |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | 0332K |

## TABLE 4.9. VOLUME OF CONFIDENTIAL TO SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|:---:|:---|:---:|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | 10179 |

## TABLE 4.10. VOLUME OF SECRET TO TOP SECRET FILES

| FILE NUMB | FILE NAME | NO OF CHAR |
|-----------|-----------|------------|
| 15 | AIR DEFENSE PRIORITIES | 17500 |
| 58 | ENEMY COMM ORDER OF BATTLE SMY | 0173K |
| 62 | INTELLIGENCE SUMMARY | 31500 |
| 65 | TARGET PRIORITY LIST | 71466 |
| 70 | INTELLIGENCE STUDY | 17500 |
| 74 | INTELLIGENCE REPORT | 0613K |

5.0  MATRIX SHOWING THE NATURE OF DATA IN THE FILES

## 5.0 MATRIX SHOWING THE NATURE OF DATA IN THE FILES

The objective of this section is to show the distribution of data by its nature, i.e., textual, pictorial, numerical, tabular, and mixed. The meanings of these data types are:

Textual - prose, to include the remarks items in files which are otherwise tabular or numerical.

Pictorial - maps, overlays, photos, facsimiles, situation displays.

Numerical - Data consisting of numbers.

Tabular - Alphanumeric data arranged in tables.

Mixed - Files which may include data in two or more natures, such as textual and tabular, and files which may exist in two or more separate natures, such as ground situation data which is transmitted in tabular form then displayed in pictorial form on a situation display.

Files are grouped by security classification and the volumes are entered in the matrix so that the total volume of data in terms of number of characters of each security classification associated with each nature can easily be determined. Most of the data files were found to be of a mixed nature. In this case, the volume of the file is entered under the "mixed" column only and an "X" is entered under each nature of data found for that file. This matrix enables easy comparisons of the amounts of data of each nature contained in the current manual TACC files. The following listing shows the table numbers for each security classification.

Table 5.2     Unclassified

Table 5.3     Confidential

Table 5.4     Secret

Table 5.5     Top Secret

Table 5.6     Unclassified to Confidential

Table 5.7     Unclassified to Secret

Table 5.8     Unclassified to Top Secret

Table 5.9     Confidential to Secret

Table 5.10    Secret to Top Secret

Table 5.1A is a summary of the analysis of the nature of data in the
current TACC data base. It shows the number of files and volume of data
in terms of number of characters for each of the classification categories.
It was found during this analysis that 53% of the files and 44% of the
volume of the files are in the "mixed" category.

Textual and tabular data account for nearly all of the other data
types in terms of both number of files and volume of files, with pictorial
and numerical data accounting for less than 2% of the total number of
files and less than 1% of the total volume of files.

Table 5.1B shows the breakdown of the various mixtures of nature of
data of the files in the "mixed" category.  This analysis indicates that
nearly one fourth (23%) of the volume of data in the data base is mixed
textual and tabular.  Only a relatively insignificant volume of the mixed
category does not contain textual data.  Therefore, the percentage of
textual, numerical and tabular data with the percentage of mixed data of
the same categories shows that nearly all of the total number and a volume

of the data base is concerned with this type of data.  Of this whole, only about 12% of the number and volume of data is associated with pictorial or mixed pictorial data.  Only one file was found to be totally pictorial, but 26 of the files of mixed nature contain pictorial data.  This factor may be significant in the selection of the mix of textual versus graphic displays that would be required in the automation of the TACC.  It is, however, unknown whether certain pictorial representations of data could reduce the amount of alpha-numeric type data carried in the TACC data base.  A study of this factor may be warranted to examine these above-mentioned facts.

TABLE 5.1A.  SUMMARY OF ANALYSIS OF NATURE OF DATA

| File Class. | TOTAL | | TEXTUAL | | PICTORIAL | | NUMERICAL | | TABULAR | | MIXED | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| U | 68 | 24,084,917 | 14 | 20,816,680 | 1 | xxxx | 2 | 18,807 | 32 | 259,733 | 19 | 2,989,697 |
| C | 6 | 119,210 | 2 | 36,900 | 0 | ---- | 0 | ---- | 3 | 52,810 | 1 | 29,500 |
| S | 79 | 17,839,057 | 15 | 1,378,617 | 0 | ---- | 1 | 184 | 7 | 211,728 | 56 | 16,248,528 |
| TS | 2 | 4,560 | 2 | 4,560 | --- | --- | --- | --- | --- | --- | --- | --- |
| U-C | 4 | 1,895,100 | 0 | ---- | 0 | ---- | 0 | ---- | 2 | 138,100 | 2 | 1,757,000 |
| U-S | 62 | 16,797,842 | 23 | 7,895,817 | 0 | ---- | 0 | ---- | 3 | 594,872 | 36 | 8,307,153 |
| U-T-S | 7 | 6,339,898 | 2 | 555,000 | 0 | ---- | 0 | ---- | 0 | ---- | 5 | 5,784,898 |
| C-S | 1 | 10,179 | 0 | ---- | 0 | ---- | 0 | ---- | 0 | ---- | 1 | 10,179 |
| S-TS | 6 | 923,966 | 2 | 49,000 | 0 | ---- | 0 | ---- | 0 | ---- | 4 | 874,966 |
| TOTAL | 235 | 68,014,729 | 60 | 30,736,574 | 1 | XXXX | 3 | 18,991 | 47 | 1,257,243 | 124 | 36,001,921 |
| % TOTAL | 100% | 100% | 26% | 45% | <1% | 0 | 1% | <1% | 20% | 2% | 53% | 53% |

TABLE 5.1B. SUMMARY OF MIXED DATA

| File Class | MIXED | | TEXT'/TAB | | TEXT'/NUM' | | TEXT'/PIC' | | PIC'/TAB' | | NUM'/TAB' | | TEXT/PIC/TAB | | TEXT/NUM/TAB | | TEXT/PIC/NUM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| U | 19 | 2,989,697 | 14 | 2,797,778 | 0 | --- | 2 | 110,820 | 1 | 75,000 | 1 | 4,599 | 1 | 1,500 | 0 | --- | 0 | --- |
| C | 1 | 29,500 | 1 | 29,500 | - | --- | | | | | | | | | | | | --- |
| S | 56 | 16,248,528 | 38 | 10,577,338 | 4 | 151,956 | 5 | 268,354 | 1 | 20,000 | 0 | --- | 1 | 178,000 | 6 | 5,042,320 | 1 | 10,560 |
| TS | | | | | | | | | | | | | | | | | | |
| U-C | 2 | 1,757,000 | 0 | --- | 0 | --- | 1 | 1,750,000 | 0 | --- | 0 | --- | 0 | --- | 0 | --- | 1 | 7,000 |
| U-S | 36 | 8,307,153 | 22 | 7,170,765 | 6 | 776,782 | 6 | 346,856 | 0 | --- | 1 | 9,870 | 1 | 2,880 | 0 | --- | 0 | --- |
| U-T-S | 5 | 5,784,898 | 2 | 334,898 | 0 | --- | 2 | 5,310,000 | 0 | --- | 0 | --- | 1 | 140,000 | 0 | --- | 0 | --- |
| C-S | 1 | 10,179 | 0 | --- | 0 | --- | 1 | 10,179 | 0 | --- | 0 | --- | 0 | --- | 0 | --- | 0 | --- |
| S-TS | 4 | 874,966 | 1 | 71,466 | 0 | --- | 1 | | | --- | | --- | 2 | 630,500 | 1 | 173,000 | 0 | --- |
| TOTAL | 124 | 36,001,921 | 78 | 20,981,345 | 10 | 928,738 | 17 | 7,796,209 | 2 | 95,000 | 2 | 14,469 | 6 | 952,880 | 7 | 5,215,320 | 2 | 17,560 |
| % TOTAL | 53% | 53% | 33% | 31% | 4% | 1% | 7% | 11% | <1% | <1% | 1% | <1% | 3% | 1% | 3% | 8% | <1% | <1% |

5-3A

## TABLE 5.2. NATURE OF DATA IN UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 28 | TACC SOPS | 87500 | | | | |
| 29 | AIR SITUATION DATA | | X | | X | 75000 |
| 36 | SOPS FOR RECON DUTY PERSONNEL | 42000 | | | | |
| 48 | NUDET REPORTS | X | X | | X | 01500 |
| 54 | INFLIGHT INTELLIGENCE REPORT | X | | | X | 45162 |
| 73 | INTEL DUTY PERSONNEL SOPS | 03500 | | | | |
| 91 | SOP FOR SOF DUTY PERSONNEL | X | | | X | 07000 |
| 112 | SAR AIRCRAFT CHARACTERISTICS | 0150K | | | | |
| 113 | SAR DUTY OFFICER SOP | 14000 | | | | |
| 119 | AREA WEATHER FORECAST | 36000 | | | | |
| 120 | TERMINAL WEATHER FORECAST | 0316K | | | | |
| 121 | SPECIAL MISSION FORECAST | X | X | | | 35820 |
| 122 | SEVERE WEATHER WARNING | 00180 | | | | |
| 123 | WINDS ALOFT | | | 12000 | | |
| 124 | FAC WEATHER REPORT | X | | | X | 0210K |
| 125 | PILOT WEATHER REPORT | X | | | X | 0471K |
| 126 | WEATHER RECONNISSANCE REPORT | X | | | X | 07260 |

TABLE 5.2. NATURE OF DATA IN UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 127 | AIRBASE WEATHER OBSERVATION | X | | | X | 1298K |
| 128 | WEATHER MAP AND CHARTS | | 00000 | | | |
| 129 | RADAR WEATHER REPORTS | X | | | X | 29160 |
| 130 | ARMED FORCES SURFACE WX OBS | X | | | X | 0129K |
| 131 | WEATHER INFORMATION REQUEST | X | | | X | 02710 |
| 139 | SOP S FOR TANKER DUTY PERSONNEL | 21000 | | | | |
| 140 | TRACK DATA | | | | 75000 | |
| 148 | CLAIMS RPT CLAIMS | 1620K | | | | |
| 173 | FRAG ORDER ADDRESSES FODL | | | X | X | 04599 |
| 174 | AIRFIELD DESIGNATORS ALMS | | | | 04700 | |
| 178 | AIRCRAFT PLANNING FACTORS | | | | 00729 | |
| 180 | AIRCRAFT ROUTING | | | | 04200 | |
| 181 | RECURRING MISSIONS SCHEDULE | | | | 0165K | |
| 183 | GROUND TIME | | | | 03696 | |
| 184 | RECONFIGURATION TIME | | | | 00024 | |
| 185 | MAJOR COMMAND | | | | 00152 | |
| 186 | PRIOITY TABLE | X | | | X | 01026 |

TABLE 5.2. NATURE OF DATA IN UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 187 | SECURITY CLASSIFICATION | | | | 00140 | |
| 188 | CARGO TYPE | | | | 00660 | |
| 189 | PASSENGER TYPE | | | | 00165 | |
| 190 | PALLET TYPE | | | | 00245 | |
| 191 | DAYLIGHT HOURS | | | | 00144 | |
| 192 | COMPATIBLE AIRCRAFT | | | | 00150 | |
| 193 | DAILY AIRLIFT SUMMARY | X | | | X | 48600 |
| 195 | AIRLIFT AIRCRAFT TYPES | | | | 00072 | |
| 196 | AIRLIFT COUNTRY-SERVICE-OPERATOR | | | | 00342 | |
| 197 | AIRLIFT OPERATING UNITS | | | | 00156 | |
| 198 | AIRLIFT SORTIE FUNCTION | | | | 00384 | |
| 199 | AIRLIFT MISSION DELAY REASONS | | | | 00396 | |
| 200 | AIRLIFT MISSION LOW UTILIZATION | | | | 00476 | |
| 201 | AIRLIFT MSN ABORT-DIVERSION | | | | 00196 | |
| 202 | AIRLIFT SORTIE PRIORTIES | | | | 00352 | |
| 203 | AIRLIFT TRAFFIC DELAY REASONS | | | | 00510 | |
| 204 | AIRLIFT FRAG HEADQUARTERS | | | | 00605 | |

TABLE 5.2. NATURE OF DATA IN UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 205 | AGENCIES SUPPORTED—AIRLIFT | | | | 00396 | |
| 206 | AIRLIFT DELIVERY MODE | | | | 00085 | |
| 207 | AIRLIFT MODE TYPES | | | | 00378 | |
| 208 | ALOREP COLLECTION POINTS | | | | 00051 | |
| 209 | AIRLIFT SQUADRON—TYPE AIRCRAFT | | | | 00108 | |
| 210 | AIRCRAFT TYPE—ACL | | | | 00090 | |
| 211 | AIRCRAFT TYPE—MAX SPEED | | | | 00081 | |
| 212 | MILITARY AREA CODE | | | | 00050 | |
| 214 | ALCC COMMAND POST | 0360K | | | | |
| 215 | RADIO OPERATORS LOG BOOK | 0018M | | | | |
| 216 | SUPPLY—ADMINISTRATIVE RECORDS | 0114K | | | | |
| 218 | AIRLIFT SOPS | 52500 | | | | |
| 219 | AIRFIELD FOLDER | X | X | | | |
| 221 | MISSION NUMBER FILE | | | 06807 | | |
| 233 | AIR TERMINAL TEAM FILE | X | | | X | 0378K |
| 234 | CASUALTY STAGING FACILITY FILE | X | | | X | 58860 |
| 235 | INFLIGHT TEAM FILE | X | | | X | 0112K |

TABLE 5.3. NATURE OF DATA IN CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 7 | DAILY AIRFIELD STATUS | X | | | X | 29500 |
| 47 | CONTAMINATED AREAS NOTIFICATION | 01900 | | | | |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | 35000 | | | | |
| 176 | AERIAL PORT EQUIPMENT | | | | 04000 | |
| 177 | COMBAT CONTROL TEAM | | | | 04500 | |
| 179 | AIRCRAFT RESOURCES | | | | 44310 | |

TABLE 5.4.  NATURE OF DATA IN SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | X | X | | | 0150K |
| 8 | TACTICAL UNIT STATUS-FIGHTER | X | | X | | 02256 |
| 9 | TACTICAL UNIT MUNITIONS STATUS | 19332 | | | | |
| 10 | MISSION SCHEDULE-FIGHTER | X | | | X | 39990 |
| 12 | SAM/ADA WEAPONS STATUS | | | | 09920 | |
| 20 | FIGHTER MISSION PLANNING | | | | 13206 | |
| 21 | RESTRICTIVE FIRE PLAN | 14000 | | | | |
| 23 | FIGHTER ALERT STATUS | X | | | X | 01424 |
| 25 | FRAG ORDER-FIGHTER | 0750K | | | | |
| 26 | ACTION LOG-FTR OPS DUTY OFFICER | 15840 | | | | |
| 27 | DEFCON/AIR RAID WARNING LOG | X | X | | | 17925 |
| 30 | GROUND SENSOR DATA | | X | | X | 20000 |
| 32 | RECON AIRCRAFT ALERT STATUS | | | 00184 | | |
| 33 | RECON MISSION SCHEDULE | | | | 09234 | |
| 38 | ECM MISSION SCHEDULE | | | | 02868 | |
| 39 | ECM MISSION RECOMMENDATION | X | | | X | 03294 |
| 40 | ECM MISSION REQUIREMENTS | X | | X | X | 15480 |

TABLE 5.4. NATURE OF DATA IN SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 41 | ECM SUPPORT REQUIREMENTS | X | | | X | 01308 |
| 42 | ECM DATA | X | | | X | 0420K |
| 43 | ECM THREAT DATA | X | | | X | 25920 |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | X | | | X | 15066 |
| 45 | ECCM DATA | X | | | X | 0212K |
| 51 | BIOLOGICAL/CHEMICAL ATTACK RPRT | 00850 | | | | |
| 52 | INTEND EMPL OF C/B WEAPONS RPRT | 01260 | | | | |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | X | | X | X | 1462K |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | X | | X | X | 3110K |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | X | | X | X | 0137K |
| 60 | ELINT INFLIGHT REPORT | X | | | X | 01644 |
| 63 | ENEMY ELEC ORDER OF BATTLE SMY | X | | X | X | 0248K |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | X | X | | X | 0178K |
| 66 | TARGET NOMINATION LIST | X | | | X | 41500 |
| 67 | LZ/DZ/EZ INTELLIGENCE | X | X | X | | 10560 |
| 68 | INTEL INPUTS TO FRAG ORDER | X | | | X | 32122 |
| 71 | INTELLIGENCE ESTIMATE | 17880 | | | | |

TABLE 5.4.  NATURE OF DATA IN SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|-----------|-----------|------|------|-----|-----|-------|
| 78 | DEFENSE ANALYSIS | 36000 | | | | |
| 79 | THREAT EVALUATION | X | | | X | 03000 |
| 80 | MISSION REPORT TACINTELL MISREP | X | | | X | 70315 |
| 82 | UNIFILE PHOTO INTERP REPORT | X | X | | | 60984 |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | 13338 | | | | |
| 84 | TACTICAL UNIT STATUS  SOF | X | | | X | 43470 |
| 85 | PSYC WARFARE MISSION DATA  SOF | 21000 | | | | |
| 87 | HERICIDE FRAG ORDER  SOF | X | | | X | 11880 |
| 88 | PSYC WARFARE FRAG ORDER  SOF | X | | | X | 28080 |
| 89 | NOTIFICATION-EXEC-HERB-MSN  SOF | X | | | X | 08760 |
| 92 | MISSION REPORT  MISREP  SOF | X | | | X | 01485 |
| 99 | AIR CORRIDOR DATA | X | | X | | 28000 |
| 110 | SAR MISSION DATA | X | | | X | 0102K |
| 115 | SAR TACTICAL UNIT STATUS REPORT | X | | | X | 05160 |
| 116 | SAR FRAG ORDER | X | | | X | 09560 |
| 117 | SAR MISSION REPORT  MISREP | X | | | X | 0104K |
| 118 | RESCUE INFORMATION REPORT | X | | | X | 0168K |

TABLE 5.4.  NATURE OF DATA IN SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 132 | TANKER RESOURCES AVAILABLE | X | | X | | 24200 |
| 135 | TANKER FRAG ORDER | 59430 | | | | |
| 136 | MISSION SCHEDULE  TANKER | | | | 65700 | |
| 137 | REFUELING MISSION COMP. REPORT | 0306K | | | | |
| 142 | MEDICAL CONTINGENCY RPT  MEDCON | X | | | X | 0124K |
| 143 | MEDICAL EMERGENCY RPT  MEDMER | X | | | X | 46980 |
| 144 | PERSONNEL DEPLOY. RPT  PERSDEP | X | | | X | 0250K |
| 145 | PERSONNEL STATUS RPT  PERSTAT | X | | | X | 1741K |
| 147 | CIVIL AFFAIRS RPT  CIVAF | X | | | X | 0148K |
| 149 | DEPLOY PLAN SUMMARY RPT DEPSUM1 | X | | | X | 01560 |
| 150 | OPS START RPT  OPREP-2 | X | | | X | 02340 |
| 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | X | | | X | 0454K |
| 153 | COMMADERS SITUATION RPRT SITREP | 0108K | | | | |
| 154 | COMM SECURITY REPORT COMSEC | 03600 | | | | |
| 155 | AIRCREW/ACFT LOSS REPORT LOSREP | X | | | X | 1286K |
| 156 | INSTALLATION DAMAGE RPRT INREP | X | | | X | 33000 |
| 157 | PETRO DMGE/DEFICIENCY RPT REPOL | X | | | X | 13050 |

TABLE 5.4. NATURE OF DATA IN SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 162 | AIRBORNE COMMAND POST RPRT ACP | 12117 | | | | |
| 163 | DEPLOYMENT SUM RPRT DEPSUM-2 | X | | | X | 11430 |
| 164 | OPERATIONS SUM RPRT OPREP-5 | X | | | X | 3299K |
| 165 | COMBAT ACTIVITIES REPORT COACT | | | | 70200 | |
| 166 | FORCE STATUS REPORT FORSTAT | | | | 40600 | |
| 168 | LOGISTIC STATUS REPORT LOGSTAT | X | | | X | 1764K |
| 172 | FRAG ORDER REMARKS ALMS | X | | X | | 97500 |
| 217 | KAC CODE BOOK | X | | | X | 0053K |
| 220 | AREA-FUNCTION FILE | X | X | X | | 05695 |
| 222 | SPECIAL INSTRUCTION FILE | X | X | X | X | 69840 |
| 223 | BASE TO TRACK FILE-REFUELING | X | X | | | 33750 |

TABLE 5.5.  NATURE OF DATA IN TOP SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|-----------|-----------|------|------|-----|-----|-------|
| 49 | NUCLEAR STRIKE WARNING | 02160 | | | | |
| 50 | NUCLEAR RESTRICTED AREA WARNING | 02400 | | | | |

TABLE 5.6.  NATURE OF DATA IN UNCLASSIFIED TO
CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|-----------|-----------|------|------|-----|------|-------|
| 35 | RECON AIRCRAFT CHARACTERISTICS | X | X | | | 01750K |
| 93 | AREA OF RESPONSIBILITY CHANGES | X | X | X | | 07000 |
| 170 | TACTICAL UNIT STATUS AIRLIFT | | | | 0132K | |
| 175 | AIRFIELD STATUS | | | | 06100 | |

TABLE 5.7. NATURE OF DATA IN UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 3 | REGULATIONS | 1260K | | | | |
| 4 | DEFCON STATUS | 00064 | | | | |
| 6 | AIRFIELD DIRECTORY | X | X | | X | 0124K |
| 11 | TACS FACILITY STATUS | | | | 03744 | |
| 13 | FORCE ALLOCATION | 00484 | | | | |
| 14 | AIR DEFENSE PLANNING COORD | 06000 | | | | |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | X | X | | | 08750 |
| 17 | FIGHTER ESCORT REQUIREMENTS | 12069 | | | | |
| 18 | CAS AND INTERDICTION REQUEST | X | | | X | 34656 |
| 19 | INTERDICTION MISSION PROFILE | X | X | | | 02880 |
| 22 | MISSLE/HOT ZONE DATA | X | X | | | 00606 |
| 24 | TACTICAL ACTION DATA | X | | | X | 00690 |
| 31 | TACTICAL UNIT STATUS-RECON | X | | X | | 00282 |
| 34 | RECON MISSION REQUEST | X | | | X | 32298 |
| 46 | BOMBER MISSION DATA | X | | | X | 11025 |
| 72 | COLLECTION REQUIREMENTS EEI | 27000 | | | | |
| 75 | MISSION RECOMMENDATION | X | | | X | 0447K |

TABLE 5.7. NATURE OF DATA IN UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 76 | ELINT MISSION REQUEST | X | | | X | 06075 |
| 77 | GROUND FIRE REPORT | X | | | X | 03780 |
| 81 | POST STRIKE IMAGERY REPORT | X | | | X | 10620 |
| 86 | HERBICIDE MISSION PLAN DATA SOF | X | X | | | 21060 |
| 90 | WEEKLY FLYING SCHEDULE SOF | | | X | X | 00128 |
| 94 | A/G REPORTING PROCEDURES | 17500 | | | | |
| 95 | AIR TERMINAL CONTROL PROCEDURES | 70000 | | | | |
| 96 | CONTROL POINT DATA | X | | X | | 28000 |
| 97 | AIR TRAFFIC IDENT PROCEDURES | X | | X | | 28000 |
| 98 | PRIOITIES FOR AIRSPACE USE | 28000 | | | | |
| 100 | FREE AIRSPACE DATA | X | X | | | 0140K |
| 101 | RESTRICTED AIRSPACE DATA | X | X | | | 03500 |
| 102 | FRIENDLY AIRSPACE DATA | X | X | | | 70000 |
| 103 | AIRSPACE UTILIZATION PLAN | 21000 | | | | |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | X | | X | | 28000 |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | X | | | X | 0420K |
| 106 | AIRSPACE CONFLICT DATA | X | | X | | 52500 |

TABLE 5.7. NATURE OF DATA IN UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 107 | AIR TRAFFIC HANDLING CAPABILITY | 0105K | | | | |
| 108 | MISSION ROUTING COORDINATION | 0315K | | | | |
| 109 | SAR AIRCRAFT ALERT STATUS | | | X | | 09870 |
| 111 | SAR MISSION PROGRESS REPORT | X | | | X | 27346 |
| 114 | SAR SUPPORT REQUIREMENTS | X | | | X | 36360 |
| 133 | TACTICAL UNIT STATUS TANKER | 65700 | | | | |
| 134 | REFUELING REQUIREMENTS | X | | X | | 0640K |
| 141 | DAILY MEDICAL STATUS RPT MEDREP | X | | | X | 0124K |
| 146 | UNIT ID SYSTEM RPT UCODES | X | | | X | 0182K |
| 151 | OPERATIONS STOP REPORT OPREP-4 | X | | | X | 00316 |
| 158 | AIRCRAFT LINEUP REPORT LINEUP | X | | | X | 00890 |
| 159 | ARRIVAL REPORT,TACOP | X | | | X | 32760 |
| 160 | DEPARTURE REPORT,TACOP | X | | | X | 05109 |
| 161 | DEVIATION REPORT | X | | | X | 03810 |
| 167 | COMM ELECTR OPNS RPRT COMOPS | X | | | X | 0256K |
| 169 | FRAG ORDER AIRLIFT | X | | | X | 5500K |
| 171 | MISSION SCHEDULE AIRLIFT | | | | 0591K | |

TABLE 5.7. NATURE OF DATA IN UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 182 | AIRLIFT REQUIREMENTS | X | | | X | 14970 |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | 0486K | | | | |
| 224 | ACTION LOG-SURVEILLANCE | 0695K | | | | |
| 225 | ACTION LOG-FIGHTER OPERATIONS | 0348K | | | | |
| 226 | ACTION LOG-WEAPONS CONTROLLER | 2087K | | | | |
| 227 | ACTION LOG-SEARCH AND RESCUE | 0348K | | | | |
| 228 | ACTION LOG-INTELLIGENCE | 0348K | | | | |
| 229 | ACTIVITY LOG-RECCE | 0786K | | | | |
| 230 | DAILY ACTIVITY LOG-PHOTO INTELL | 0174K | | | | |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | 0348K | | | | |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | 0348K | | | | |

## TABLE 5.8. NATURE OF DATA IN UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 1 | OPERATIONS PLANS | X | X | | X | 0140K |
| 2 | OPERATIONS ORDERS | 0420K | | | | |
| 37 | FRAG ORDER-RECON | 0135K | | | | |
| 53 | WEAPONS CHARACTERISTICS | X | X | | | 5250K |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | X | | | X | 02898 |
| 69 | INTELLIGENCE BRIEFING DATA | X | X | | | 60000 |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | X | | | X | 0332K |

TABLE 5.9. NATURE OF DATA IN CONFIDENTIAL
TO SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|-----------|-----------|------|------|-----|-----|-------|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | X | X | | | 10179 |

TABLE 5.10. NATURE OF DATA IN SECRET TO TOP SECRET FILES

| FILE NUMB | FILE NAME | TEXT | PICT | NUM | TAB | MIXED |
|---|---|---|---|---|---|---|
| 15 | AIR DEFENSE PRIORITIES | 17500 | | | | |
| 58 | ENEMY COMM ORDER OF BATTLE SMY | X | | X | X | 0173K |
| 62 | INTELLIGENCE SUMMARY | 31500 | | | | |
| 65 | TARGET PRIORITY LIST | X | | | X | 71466 |
| 70 | INTELLIGENCE STUDY | X | X | | X | 17500 |
| 74 | INTELLIGENCE REPORT | X | X | | X | 0613K |

6.0  MATRIX SHOWING THE FORMAT OF DATA IN THE FILES

6.0  MATRIX SHOWING THE FORMAT OF DATA IN THE FILES

The objective of this section is to present an easily discernible distribution of current TACC data by file format.  The 15 formats listed are the formats in which the data was found in the current TACC Complex, which are (1) Forms, (2) Log, (3) Documents, (4) Maps, (5) Overlays, (6) Books, (7) Notebooks, (8) Group Display, (9) Photo, (10) TTY Printout, (11) Facsimile, (12) File Folder, (13) Letter, (14) Mixed, and (15) Other Formats.  In many cases, the data was found to be contained in several formats.  For example, tactical unit status is normally received in the form of a TTY message, posted to a group display and recorded in a log. For files of more than one format, the volume of the file is recorded in the mixed category only so as not to show duplication in the matrix.  The following listing developed from analysis of file catalog data contained in CDRL A003 shows the table numbers for each security classification:

| | |
|---|---|
| Table 6.2 | Unclassified |
| Table 6.3 | Confidential |
| Table 6.4 | Secret |
| Table 6.5 | Top Secret |
| Table 6.6 | Unclassified to Confidential |
| Table 6.7 | Unclassified to Secret |
| Table 6.8 | Unclassified to Top Secret |
| Table 6.9 | Confidential to Secret |
| Tabel 6.10 | Secret to Top Secret |

Table 6.1 indicates a summary of the number of files and the volume of data in terms of numbers of characters for each of 9 security classifications of data in each of the 15 data formats.  This analysis shows that 63% of the files containing 45% of the file volume is associated with the Mixed Data Format.  Of the remaining file data, 5% of the files containing

6.0  MATRIX SHOWING THE FORMAT OF DATA IN THE FILES (Continued)

26%.of the file volume was concerned with the log data format and 9% of the files containing 20% of the file volume was concerned with the TTY printout data format.

It is also interesting to note that the largest file in terms of physical size in the current TACC, which is the Group Display, contains only 1% of the total volume of data if we disregard the mixed category.  This file type, however, is accessable at a quick glance by all users located in the TACC and has the advantage of being a common data base which certainly improves the overall effectivess of operations.

Another interesting factor is that data is duplicated in the Mixed data format resulting in the duplication of data handling and an analysis of these areas should reveal significant savings of file type, size and data handling requirements through the use of a common data base for automation of the TACC (See Section 11.0).

THIS PAGE INTENTIONALLY BLANK

TABLE 6.1 - SUMMARY OF DATA CONCERNING FORMATS OF THE FILES

| Security Classification | TOTAL | | FORM | | LOG | | DOCUMENT | | BOOK | | NOTEBOOK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. Files | Amount | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| Unclassified | 68 | 24,084,917 | | | 1 | 18,000,000 | | | | | 1 | 42,000 |
| Confidential | 6 | 119,210 | | | | | | | 1 | 35,000 | | |
| Secret | 79 | 17,839,057 | 1 | 13,206 | 1 | 15,840 | 3 | 156,590 | | | | |
| Top Secret | 2 | 4,560 | | | | | | | | | | |
| Unclassified to Confidential | 4 | 1,895,100 | | | | | 1 | 1,750,000 | | | | |
| Unclassified to Secret | 62 | 16,797,842 | 1 | 32,298 | 10 | 5,968,000 | 2 | 1,384,000 | | | | |
| Unclassified to Top Secret | 7 | 6,339,898 | | | | | 1 | 420,000 | | | | |
| Confidential to Secret | 1 | 10,179 | | | | | | | | | | |
| Secret to Top Secret | 6 | 923,966 | | | | | | | | | | |
| TOTAL | 235 | 68,014,729 | 2 | 45,504 | 12 | 23,983,840 | 7 | 3,710,590 | 1 | 35,000 | 1 | 42,000 |
| Percent of Total | 100 | 100 | <1% | <1% | 5% | 35% | 3% | 5% | <1% | <1% | <1% | <1% |

DEFINITIONS:

FORM - A printed or typed document with blank spaces for insertion of information. Serves as a temporary record of events/item. May be transferred into the action log later.

LOG - A permanent record book for recording events/items as they occur. Each duty position will maintain a log.

DOCUMENT - An original or official paper containing information useable in the planning/operations function.

BOOK - A printed and bound document containing relatively static information/data used for reference.

NOTEBOOK - A looseleaf book for recording memoranda of a temporary nature.

TABLE 6.1 - SUMMARY OF DATA CONCERNING FORMATS OF THE FILES

(Continued)

| Security Classification | GROUP DISPLAY | | TTY PRINTOUT | | FACSIMILE | | FILE FOLDER | | MIXED | | OTHER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| Unclassified | | | | | 1 | | 3 | 550,860 | 29 | 5,301,699 | 33 | 190,358 |
| Confidential | | | 1 | 1,900 | | | | | 1 | 29,500 | 3 | 52,810 |
| Secret | | | 14 | 8,485,914 | | | | | 59 | 9,070,007 | 1 | 97,500 |
| Top Secret | | | 2 | 4,560 | | | | | | | | |
| Unclassified to Confidential | | | | | | | | | 2 | 139,000 | 1 | 6,100 |
| Unclassified to Secret | 1 | 64 | 3 | 15,290 | | | | | 44 | 9,383,220 | 1 | 14,970 |
| Unclassified to Top Secret | | | | | | | | | 6 | 5,919,898 | | |
| Confidential to Secret | | | | | | | | | 1 | 10,179 | | |
| Secret to Top Secret | | | | | | | | | 6 | 923,966 | | |
| TOTAL | 1 | 64 | 20 | 8,507,664 | 1 | | 3 | 550,860 | 148 | 30,777,469 | 39 | 361,738 |
| Percent of Total | <1% | <1% | 9% | 13% | <1% | <1% | <1% | <1% | 63% | 45% | 17% | <1% |

NOTE:  No data contained in the following categories—

MAP; OVERLAY; PHOTO; and LETTER.

TABLE 6.2A. FORMAT OF UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 28 | TACC SOPS | | | | | 87500 |
| 29 | AIR SITUATION DATA | | | | | 75000 |
| 48 | NUDET REPORTS | | | | | 01500 |
| 54 | INFLIGHT INTELLIGENCE REPORT | | | | | 45162 |
| 73 | INTEL DUTY PERSONNEL SOPS | | | | | 03500 |
| 91 | SOP FOR SOF DUTY PERSONNEL | | | | | 07000 |
| 112 | SAR AIRCRAFT CHARACTERISTICS | | | | | 0150K |
| 113 | SAR DUTY OFFICER SOP | | | | | 14000 |
| 119 | AREA WEATHER FORECAST | | | | | 36000 |
| 120 | TERMINAL WEATHER FORECAST | | | | | 0316K |
| 121 | SPECIAL MISSION FORECAST | | | | | 35820 |
| 122 | SEVERE WEATHER WARNING | | | | | 00180 |
| 123 | WINDS ALOFT | | | | | 12000 |
| 124 | FAC WEATHER REPORT | | | | | 0210K |
| 125 | PILOT WEATHER REPORT | | | | | 0471K |
| 126 | WEATHER RECONNISSANCE REPORT | | | | | 07260 |
| 127 | AIRBASE WEATHER OBSERVATION | | | | | 1298K |

TABLE 6.2A. FORMAT OF UNCLASSIFIED FILES (CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 128 | WEATHER MAP AND CHARTS | 48* | | | | |
| 129 | RADAR WEATHER REPORTS | | | | | 29160 |
| 130 | ARMED FORCES SURFACE WX OBS | | | | | 0129K |
| 131 | WEATHER INFORMATION REQUEST | | | | | 02710 |
| 139 | SOP S FOR TANKER DUTY PERSONNEL | | | | | 21000 |
| 140 | TRACK DATA | | | | | 75000 |
| 148 | CLAIMS RPT CLAIMS | | | | | 1620K |
| 193 | DAILY AIRLIFT SUMMARY | | | | | 48600 |
| 214 | ALCC COMMAND POST | | | | | 0360K |
| 218 | AIRLIFT SOPS | | | | | 52500 |
| 219 | AIRFIELD FOLDER | | | | | 0075K |
| 221 | MISSION NUMBER FILE | | | | | 06807 |
| 235 | INFLIGHT TEAM FILE | | | | | 0112K |

*FACSIMILE COUNT IS IN NUMBER OF PAGES NOT CHARACTERS

## TABLE 6.2B.  FORMAT OF UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | FORM | LOG | DOCUM | FILE FOLD | NOTE BOOK |
|---|---|---|---|---|---|---|
| 36 | SOPS FOR RECON DUTY PERSONNEL | | | | | 42000 |
| 215 | RADIO OPERATORS LOG BOOK | | 0018M | | | |
| 216 | SUPPLY-ADMINISTRATIVE RECORDS | | | | 0114K | |
| 233 | AIR TERMINAL TEAM FILE | | | | 0378K | |
| 234 | CASUALTY STAGING FACILITY FILE | | | | 58860 | |

FIL

TABLE 6.2C. FORMAT OF UNCLASSIFIED FILES

| NUMB | FILE NAME | OTHER |
|---|---|---|
| 173 | FRAG ORDER ADDRESSES FODL | 04599 |
| 174 | AIRFIELD DESIGNATORS ALMS | 04700 |
| 178 | AIRCRAFT PLANNING FACTORS | 00729 |
| 180 | AIRCRAFT ROUTING | 04200 |
| 181 | RECURRING MISSIONS SCHEDULE | 0165K |
| 183 | GROUND TIME | 03696 |
| 184 | RECONFIGURATION TIME | 00024 |
| 185 | MAJOR COMMAND | 00152 |
| 186 | PRIOITY TABLE | 01026 |
| 187 | SECURITY CLASSIFICATION | 00140 |
| 188 | CARGO TYPE | 00660 |
| 189 | PASSENGER TYPE | 00165 |
| 190 | PALLET TYPE | 00245 |
| 191 | DAYLIGHT HOURS | 00144 |
| 192 | COMPATIBLE AIRCRAFT | 00150 |
| 195 | AIRLIFT AIRCRAFT TYPES | 00072 |
| 196 | AIRLIFT COUNTRY-SERVICE-OPERATOR | 00342 |
| 197 | AIRLIFT OPERATING UNITS | 00156 |

FILE

TABLE 6.2C.   FORMAT OF UNCLASSIFIED FILES

| NUMB | FILE NAME | OTHER |
|------|-----------|-------|
| 198 | AIRLIFT SORTIE FUNCTION | 00384 |
| 199 | AIRLIFT MISSION DELAY REASONS | 00396 |
| 200 | AIRLIFT MISSION LOW UTILIZATION | 00476 |
| 201 | AIRLIFT MSN ABORT-DIVERSION | 00196 |
| 202 | AIRLIFT SORTIE PRIORTIES | 00352 |
| 203 | AIRLIFT TRAFFIC DELAY REASONS | 00510 |
| 204 | AIRLIFT FRAG HEADQUARTERS | 00605 |
| 205 | AGENCIES SUPPORTED-AIRLIFT | 00396 |
| 206 | AIRLIFT DELIVERY MODE | 00085 |
| 207 | AIRLIFT MODE TYPES | 00378 |
| 208 | ALOREP COLLECTION POINTS | 00051 |
| 209 | AIRLIFT SQUADRON-TYPE AIRCRAFT | 00108 |
| 210 | AIRCRAFT TYPE-ACL | 00090 |
| 211 | AIRCRAFT TYPE-MAX SPEED | 00081 |
| 212 | MILITARY AREA CODE | 00050 |

## TABLE 6.3A. FORMAT OF CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 7 | DAILY AIRFIELD STATUS | | | | | 29500 |
| 47 | CONTAMINATED AREAS NOTIFICATION | | 01900 | | | |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | | | 35000 | | |

TABLE 6.3B. FORMAT OF CONFIDENTIAL FILES

| NUMB | FILE NAME | OTHER |
|------|-----------|-------|
| 176 | AERIAL PORT EQUIPMENT | 04000 |
| 177 | COMBAT CONTROL TEAM | 04500 |
| 179 | AIRCRAFT RESOURCES | 44310 |

TABLE 6.4A. FORMAT OF SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | | | | | 0150K |
| 8 | TACTICAL UNIT STATUS-FIGHTER | | | | | 02256 |
| 9 | TACTICAL UNIT MUNITIONS STATUS | | | | | 19332 |
| 10 | MISSION SCHEDULE-FIGHTER | | | | | 39990 |
| 12 | SAM/ADA WEAPONS STATUS | | | | | 09920 |
| 21 | RESTRICTIVE FIRE PLAN | | | | | 14000 |
| 23 | FIGHTER ALERT STATUS | | | | | 01424 |
| 25 | FRAG ORDER-FIGHTER | | | | | 0750K |
| 27 | DEFCON/AIR RAID WARNING LOG | | | | | 17925 |
| 30 | GROUND SENSOR DATA | | | | | 20000 |
| 32 | RECON AIRCRAFT ALERT STATUS | | | | | 00184 |
| 33 | RECON MISSION SCHEDULE | | | | | 09234 |
| 38 | ECM MISSION SCHEDULE | | | | | 02868 |
| 39 | ECM MISSION RECOMMENDATION | | 03294 | | | |
| 40 | ECM MISSION REQUIREMENTS | | | | | 15480 |
| 41 | ECM SUPPORT REQUIREMENTS | | | | | 01308 |
| 42 | ECM DATA | | | | | 0420K |

TABLE 6.4A. FORMAT OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | or DISP | MIXED |
|-----------|-----------|------|-----|------|---------|-------|
| 43 | ECM THREAT DATA | | | | | 25920 |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | | | | | 15066 |
| 45 | ECCM DATA | | | | | 0212K |
| 51 | BIOLOGICAL/CHEMICAL ATTACK RPRT | | | | | 00850 |
| 52 | INTEND EMPL OF C/B WEAPONS RPRT | | | | | 01260 |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | | | | | 1462K |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | | | | | 3110K |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | | | | | 0137K |
| 60 | ELINT INFLIGHT REPORT | | | | | 01644 |
| 63 | ENEMY ELEC ORDER OF BATTLE SMY | | | | | 0248K |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | | | | | 0178K |
| 66 | TARGET NOMINATION LIST | | | | | 41500 |
| 67 | LZ/DZ/EZ INTELLIGENCE | | | | | 10560 |
| 68 | INTEL INPUTS TO FRAG ORDER | | | | | 32122 |
| 71 | INTELLIGENCE ESTIMATE | | | | | 17880 |
| 78 | DEFENSE ANALYSIS | | 03000 | | | |
| 79 | THREAT EVALUATION | | | | | 36000 |

6-14

TABLE 6.4A. FORMAT OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 80 | MISSION REPORT TACINTELL MISREP | | | | | 70315 |
| 82 | UNIFILE PHOTO INTERP REPORT | | | | | 60984 |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | | | | | 13338 |
| 84 | TACTICAL UNIT STATUS SOF | | | | | 43470 |
| 85 | PSYC WARFARE MISSION DATA SOF | | | | | 21000 |
| 87 | HERICIDE FRAG ORDER SOF | | | | | 11880 |
| 88 | PSYC WARFARE FRAG ORDER SOF | | | | | 28080 |
| 89 | NOTIFICATION-EXEC-HERB-MSN SOF | | | | | 08760 |
| 92 | MISSION REPORT MISREP SOF | | | | | 01485 |
| 99 | AIR CORRIDOR DATA | | | | | 28000 |
| 110 | SAR MISSION DATA | | | | | 0102K |
| 115 | SAR TACTICAL UNIT STATUS REPORT | | | | | 05160 |
| 116 | SAR FRAG ORDER | | | | | 9560 |
| 117 | SAR MISSION REPORT MISREP | | | | | 0104K |
| 118 | RESCUE INFORMATION REPORT | | | | | 0168K |
| 132 | TANKER RESOURCES AVAILABLE | | | | | 24200 |
| 135 | TANKER FRAG ORDER | | | | | 59400 |

TABLE 6.4A. FORMAT OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 136 | MISSION SCHEDULE  TANKER | | | | | 65700 |
| 137 | REFUELING MISSION COMP. REPORT | | | | | 0306K |
| 142 | MEDICAL CUNTINGENCY RPT  MEDCON | | | | | 0124K |
| 143 | MEDICAL EMERGENCY RPT  MEDMER | | | | | 46980 |
| 144 | PERSONNEL DEPLOY. RPT  PERSDEP | | | | | 0250K |
| 145 | PERSONNEL STATUS RPT  PERSTAT | | 1741K | | | |
| 147 | CIVIL AFFAIRS RPT  CIVAF | | 0148K | | | |
| 149 | DEPLOY PLAN SUMMARY RPT DEPSUM1 | | | | | 01560 |
| 150 | OPS START RPT  OPREP-2 | | 02340 | | | |
| 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | | | | | 0454K |
| 153 | COMMADERS SITUATION RPRT SITREP | | 0108K | | | |
| 154 | COMM SECURITY REPORT COMSEC | | 03600 | | | |
| 155 | AIRCREW/ACFT LOSS REPORT LOSREP | | 1286K | | | |
| 156 | INSTALLATION DAMAGE RPRT INREP | | 33000 | | | |
| 157 | PETRO DMGE/DEFICIENCY RPT REPOL | | 13050 | | | |
| 162 | AIRBORNE COMMAND POST RPRT ACP | | | | | 12117 |
| 163 | DEPLOYMENT SUM RPRT DEPSUM-2 | | 11430 | | | |

TABLE 6.4A. FORMAT OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 164 | OPERATIONS SUM RPRT OPREP-5 | | 3299K | | | |
| 165 | COMBAT ACTIVITIES REPORT COACT | | 70200 | | | |
| 166 | FORCE STATUS REPORT FORSTAT | | | | | 40600 |
| 168 | LOGISTIC STATUS REPORT LOGSTAT | | 1764K | | | |
| 220 | AREA-FUNCTION FILE | | | | | 05695 |

TABLE 6.4B. FORMAT OF SECRET FILES

| FILE NUMB | FILE NAME | FORM | LOG | DOCUM | FILE FOLD | NOTE BOOK |
|---|---|---|---|---|---|---|
| 20 | FIGHTER MISSION PLANNING | 13206 | | | | |
| 26 | ACTION LOG-FTR OPS DUTY OFFICER | | 15840 | | | |
| 217 | KAC CODE BOOK | | | 0053K | | |
| 222 | SPECIAL INSTRUCTION FILE | | | 69840 | | |
| 223 | BASE TO TRACK FILE-REFUELING | | | 33750 | | |

TABLE 6.4C.  FORMAT OF SECRET FILES

FILE
NUMB        FILE NAME            OTHER
172    FRAG ORDER REMARKS  ALMS  97500

TABLE 6.5. FORMAT OF TOP SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|-----------|-----------|------|-------|------|---------|-------|
| 49 | NUCLEAR STRIKE WARNING | | 02160 | | | |
| 50 | NUCLEAR RESTRICTED AREA WARNING | | 02400 | | | |

TABLE 6.6A. FORMAT OF UNCLASSIFIED TO
CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|-----------|-----------|------|-----|------|---------|-------|
| 93 | AREA OF RESPONSIBILITY CHANGES | | | | | 07000 |
| 170 | TACTICAL UNIT STATUS AIRLIFT | | | | | 0132K |

TABLE 6.6.6B. FORMAT OF UNCLASSIFIED TO
CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | FORM | LOG | DOCUM | FILE FOLD | NOTE BOOK |
|---|---|---|---|---|---|---|
| 35 | RECON AIRCRAFT CHARACTERISTICS | | | 1750K | | |

TABLE 6.6C. FORMAT OF UNCLASSIFIED TO CONFIDENTIAL FILES

FILE
NUMB
175

FILE NAME
AIRFIELD STATUS

OTHER
06100

TABLE 6.7A. FORMAT OF UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 4 | DEFCON STATUS | | | | 00064 | |
| 11 | TACS FACILITY STATUS | | | | | 03744 |
| 13 | FORCE ALLOCATION | | | | | 00484 |
| 14 | AIR DEFENSE PLANNING COORD | | | | | 06000 |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | | | | | 08750 |
| 17 | FIGHTER ESCORT REQUIREMENTS | | | | | 12069 |
| 18 | CAS AND INTERDICTION REQUEST | | | | | 34656 |
| 19 | INTERDICTION MISSION PROFILE | | | | | 2880 |
| 22 | MISSLE/HOT ZONE DATA | | | | | 00606 |
| 24 | TACTICAL ACTION DATA | | | | | 00690 |
| 31 | TACTICAL UNIT STATUS-RECON | | | | | 00282 |
| 46 | BOMBER MISSION DATA | | | | | 11025 |
| 72 | COLLECTION REQUIREMENTS EEI | | | | | 27000 |
| 75 | MISSION RECOMMENDATION | | | | | 0447K |
| 76 | ELINT MISSION REQUEST | | | | | 06075 |
| 77 | GROUND FIRE REPORT | | 03780 | | | |
| 81 | POST STRIKE IMAGERY REPORT | | 10620 | | | |

TABLE 6.7A. FORMAT OF UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|-----------|-----------|------|-----|------|---------|-------|
| 86 | HERBICIDE MISSION PLAN DATA SOF | | | | | 21060 |
| 90 | WEEKLY FLYING SCHEDULE SOF | | | | | 00128 |
| 94 | A/G REPORTING PROCEDURES | | | | | 17500 |
| 95 | AIR TERMINAL CONTROL PROCEDURES | | | | | 70000 |
| 96 | CONTROL POINT DATA | | | | | 28000 |
| 97 | AIR TRAFFIC IDENT PROCEDURES | | | | | 28000 |
| 98 | PRIOITIES FOR AIRSPACE USE | | | | | 28000 |
| 100 | FREE AIRSPACE DATA | | | | | 0140K |
| 101 | RESTRICTED AIRSPACE DATA | | | | | 03500 |
| 102 | FRIENDLY AIRSPACE DATA | | | | | 70000 |
| 103 | AIRSPACE UTILIZATION PLAN | | | | | 21000 |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | | | | | 28000 |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | | | | | 0420K |
| 106 | AIRSPACE CONFLICT DATA | | | | | 52500 |
| 107 | AIR TRAFFIC HANDLING CAPABILITY | | | | | 0105K |
| 108 | MISSION ROUTING COORDINATION | | | | | 0315K |
| 109 | SAR AIRCRAFT ALERT STATUS | | | | | 09870 |

TABLE 6.7A. FORMAT OF UNCLASSIFIED TO SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|-----------|-----------|------|-----|------|---------|-------|
| 111 | SAR MISSION PROGRESS REPORT | | | | | 27346 |
| 114 | SAR SUPPORT REQUIREMENTS | | | | | 36360 |
| 133 | TACTICAL UNIT STATUS TANKER | | | | | 65700 |
| 134 | REFUELING REQUIREMENTS | | | | | 0640K |
| 141 | DAILY MEDICAL STATUS RPT MEDREP | | | | | 0124K |
| 146 | UNIT ID SYSTEM RPT UCODES | | | | | 0182K |
| 151 | OPERATIONS STOP REPORT OPREP-4 | | | | | 00316 |
| 158 | AIRCRAFT LINEUP REPORT LINEUP | | 00890 | | | |
| 159 | ARRIVAL REPORT,TACOP | | | | | 32760 |
| 160 | DEPARTURE REPORT,TACOP | | | | | 05109 |
| 161 | DEVIATION REPORT | | | | | 03810 |
| 167 | COMM ELECTR OPNS RPRT COMOPS | | | | | 0256K |
| 169 | FRAG ORDER AIRLIFT | | | | | 5500K |
| 171 | MISSION SCHEDULE AIRLIFT | | | | | 0591K |

TABLE 6.7B. FORMAT OF UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | FORM | LOG | DOCUM | FILE FOLD | NOTE BOOK |
|---|---|---|---|---|---|---|
| 3 | REGULATIONS | | | 1260K | | |
| 6 | AIRFIELD DIRECTORY | | | 0124K | | |
| 34 | RECON MISSION REQUEST | 32298 | | | | |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | | 0486K | | | |
| 224 | ACTION LOG-SURVEILLANCE | | 0695K | | | |
| 225 | ACTION LOG-FIGHTER OPERATIONS | | 0348K | | | |
| 226 | ACTION LOG-WEAPONS CONTROLLER | | 2087K | | | |
| 227 | ACTION LOG-SEARCH AND RESCUE | | 0348K | | | |
| 228 | ACTION LOG-INTELLIGENCE | | 0348K | | | |
| 229 | ACTIVITY LOG-RECCE | | 0786K | | | |
| 230 | DAILY ACTIVITY LOG-PHOTO INTELL | | 0174K | | | |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | | 0348K | | | |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | | 0348K | | | |

TABLE 6.7C.  FORMAT OF UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | OTHER |
|-----------|-----------|-------|
| 182 | AIRLIFT REQUIREMENTS | 14970 |

TABLE 6.8A. FORMAT OF UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 1 | OPERATIONS PLANS | | | | | 140K |
| 37 | FRAG ORDER-RECON | | | | | 0135K |
| 53 | WEAPONS CHARACTERISTICS | | | | | 5250K |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | | | | | 02898 |
| -69 | INTELLIGENCE BRIEFING DATA | | | | | 60000 |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | | | | | 0332K |

TABLE 6.8B. FORMAT OF UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | FORM | LOG | DOCUM | FILE FOLD | NOTE BOOK |
|-----------|-----------|------|-----|-------|-----------|-----------|
| 2 | OPERATIONS ORDERS | | | 0420K | | |

TABLE 6.9.  FORMAT OF CONFIDENTIAL TO SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | | | | | 10179 |

TABLE 6.10.  FORMAT OF SECRET TO TOP SECRET FILES

| FILE NUMB | FILE NAME | FACS | TTY | BOOK | GP DISP | MIXED |
|---|---|---|---|---|---|---|
| 15 | AIR DEFENSE PRIORITIES | | | | | 17500 |
| 58 | ENEMY COMM ORDER OF BATTLE SMY | | | | | 0173X |
| 62 | INTELLIGENCE SUMMARY | | | | | 31500 |
| 65 | TARGET PRIORITY LIST | | | | | 71466 |
| 70 | INTELLIGENCE STUDY | | | | | 17500 |
| 74 | INTELLIGENCE REPORT | | | | | 0613X |

7-0  MATRIX SHOWING THE PERISHABILITY OF DATA  IN THE FILES

7.0   MATRIX SHOWING THE PERISHABILITY OF DATA IN THE FILES

This section shows the distribution of data by categories of perishability.
For purposes of this study the data is considered perished when it is no
longer needed in active tactical air operations, even though it may later
be required for report generation, reference, or historical purposes.
The following categories of perishability have been arbitrarily selected:

    5 to 30 minutes

    30 to 60 minutes

    1 to 2 hours

    2 to 8 hours

    8 to 24 hours

    1 to 5 days

    5 to 30 days

    More than 30 days

No data was found to perish in less than 5 minutes.  Perishability of
data depends largely on the contingency situation and the requirements of
the Commander and his Director of Operations.  The perishability category
was estimated by Hughes personnel familiar with tactical air operations
and opinions expressed by TAC personnel during interviews.  Asterisks pre-
cede those items whose perishability was estimated by Hughes personnel.
The following listing shows the table numbers for each security classification:

    Table 7.2      Unclassified

    Table 7.3      Confidential

    Table 7.4      Secret

    Table 7.5      Top Secret

    Table 7.6      Unclassified to Confidential

    Table 7.7      Unclassified to Secret

7.0 MATRIX SHOWING THE PERISHABILITY OF DATA IN THE FILES (Continued)

> Table 7.8     Unclassified to Top Secret
>
> Table 7.9     Confidential to Secret
>
> Table 7.10    Secret to Top Secret

A disposition column has been included in these matrices to show whether the data is destroyed or filed for reference after it is no longer required in active tactical air operations.

Table 7.1 summarizes the analysis of perishability of data in the current TACC data base. The most significant finding from this analysis is that nearly half of the data in the data base remains active for more than 30 days. Only a very minute portion of the volume of the data base perishes within one hour and only 13% of the volume perishes within one day.

| File Classification | Total | | 5 to 30 Min. | | 30 to 60 Min. | | 1 to 2 Hours | | 2 to 8 Hours | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No. Files | Amount | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| Unclassified | 68 | 24,084,917 | 1 | 1500 | 3 | 397,000 | 3 | 1,434,260 | 3 | 140,160 |
| Confidential | 6 | 119,210 | | | | | | | | |
| Secret | 79 | 17,839,057 | | | 1 | 850 | | | 8 | 4,782,755 |
| T.S. | 2 | 4,560 | | | | | | | | |
| U. to C. | 4 | 1,895,100 | | | | | | | | |
| U. to S. | 62 | 16,797,842 | | | | | | | 2 | 65,982 |
| U. to T.S. | 7 | 6,339,898 | | | | | | | | |
| C. void | 1 | 10,179 | | | | | | | | |
| S. to T.S. | 6 | 923,966 | | | | | | | 1 | 173,000 |
| TOTAL | 235 | 68,014,729 | 1 | 1500 | 4 | 397,850 | 3 | 1,434,260 | 14 | 5,161,897 |
| PERCENT OF TOTAL | 100% | 100% | <1% | <1% | 2% | <1% | 1% | 2% | 6% | 8% |

TABLE 7.1  SUMMARY OF ANALYSIS OF PERISHABILITY OF DATA (Continued)

| File Classification | 8 to 24 Hours | | 1 to 5 Days | | 5 to 30 Days | | More Than 30 Days | |
|---|---|---|---|---|---|---|---|---|
| | No. | Volume | No. | Volume | No. | Volume | No. | Volume |
| Unclassified | 6 | 411,692 | 1 | 180 | 5 | 18,997,500 | 46 | 2,702,625 |
| Confidential | 2 | 34,000 | 1 | 44,310 | 1 | 4,000 | 2 | 36,900 |
| Secret | 22 | 1,857,825 | 12 | 4,244,368 | 14 | 2,161,257 | 22 | 4,792,002 |
| T.S. | 1 | 2,160 | 0 | | 1 | 2,400 | 3 | - - - |
| U. to C. | 1 | 132,000 | 0 | | | | 3 | 1,763,100 |
| U. to S. | 10 | 1,732,719 | 10 | 6,219,988 | 4 | 86,431 | 36 | 8,692,722 |
| U. to T.S. | 3 | 197,898 | 0 | | 1 | 420,000 | 3 | 5,722,000 |
| C. to S. | 1 | 10,179 | 0 | | 0 | | | - - - |
| S. to T.S. | 1 | 31,500 | 1 | 71,466 | 0 | | 3 | 648,000 |
| TOTAL | 47 | 4,409,973 | 25 | 10,580,312 | 26 | 21,671,588 | 115 | 24,357,349 |
| PERCENT OF TOTAL | 20% | 6% | 11% | 16% | 11% | 32% | 49% | 36% |

7-3

TABLE 7.2A.  PERISHABILITY OF DATA IN UNCLASSIFIED FILES

| FILE NUMB | | LESS 5 MIN | 5-30 MIN | 30-60 MIN | 1-2 HRS | 2-8 HRS | DISP |
|---|---|---|---|---|---|---|---|
| 29 | AIR SITUATION DATA | | | | | 75000 | F |
| 48 | NUDET REPORTS | | 01500 | | | | F |
| 119 | AREA WEATHER FORECAST | | | | | 36000 | D |
| 124 | FAC WEATHER REPORT | | | 0210K | | | D |
| 126 | WEATHER RECONNISSANCE REPORT | | | | 07260 | | D |
| 127 | AIRBASE WEATHER OBSERVATION | | | | 1298K | | D |
| 129 | RADAR WEATHER REPORTS | | | | | 29160 | D |
| 130 | ARMED FORCES SURFACE WX OBS | | | | 0129K | | D |
| 140 | TRACK DATA | | | 75000 | | | F |
| * 235 | INFLIGHT TEAM FILE | | | 0112K | | | F |

TABLE 7.2B.  PERISHABILITY OF DATA IN UNCLASSIFIED FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 28 | TACC SOPS | | | | 87500 | D |
| 36 | SOPS FOR RECON DUTY PERSONNEL | | | | 42000 | D |
| 54 | INFLIGHT INTELLIGENCE REPORT | 45162 | | | | D |
| 73 | INTEL DUTY PERSONNEL SOPS | | | | 03500 | D |
| 91 | SOP FOR SOF DUTY PERSONNEL | | | | 07000 | D |
| 112 | SAR AIRCRAFT CHARACTERISTICS | | | | 0150K | F |
| 113 | SAR DUTY OFFICER SOP | | | | 14000 | D |
| 120 | TERMINAL WEATHER FORECAST | 0316K | | | | D |
| 121 | SPECIAL MISSION FORECAST | 35820 | | | | D |
| 122 | SEVERE WEATHER WARNING | | 00180 | | | D |
| 123 | WINDS ALOFT | 12000 | | | | D |
| 125 | PILOT WEATHER REPORT | | | 0471K | | D |
| 128 | WEATHER MAP AND CHARTS | 00000 | | | | D |
| 131 | WEATHER INFORMATION REQUEST | 02710 | | | | D |
| 139 | SOP S FOR TANKER DUTY PERSONNEL | | | | 21000 | D |
| 148 | CLAIMS RPT CLAIMS | | | | 1620K | F |
| 173 | FRAG ORDER ADDRESSES FODL | | | | 04599 | D |

TABLE 7.2B.  PERISHABILITY OF DATA IN UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 174 | AIRFIELD DESIGNATORS ALMS | | | | 04700 | D |
| 178 | AIRCRAFT PLANNING FACTORS | | | | 00729 | D |
| 180 | AIRCRAFT ROUTING | | | | 04200 | F |
| 181 | RECURRING MISSIONS SCHEDULE | | | | 0165K | F |
| 183 | GROUND TIME | | | | 03696 | D |
| 184 | RECONFIGURATION TIME | | | | 00024 | D |
| 185 | MAJOR COMMAND | | | | 00152 | D |
| 186 | PRIOITY TABLE | | | | 01026 | D |
| 187 | SECURITY CLASSIFICATION | | | | 00140 | D |
| 188 | CARGO TYPE | | | | 00660 | D |
| 189 | PASSENGER TYPE | | | | 00165 | D |
| 190 | PALLET TYPE | | | | 00245 | D |
| 191 | DAYLIGHT HOURS | | | | 00144 | D |
| 192 | COMPATIBLE AIRCRAFT | | | | 00150 | D |
| 193 | DAILY AIRLIFT SUMMARY | | | | 48600 | F |
| 195 | AIRLIFT AIRCRAFT TYPES | | | | 00072 | D |
| 196 | AIRLIFT COUNTRY-SERVICE-OPERATOR | | | | 00342 | D |

7-6

TABLE 7.2B. PERISHABILITY OF DATA IN UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 197 | AIRLIFT OPERATING UNITS | | | | 00156 | D |
| 198 | AIRLIFT SORTIE FUNCTION | | | | 00384 | D |
| 199 | AIRLIFT MISSION DELAY REASONS | | | | 00396 | D |
| 200 | AIRLIFT MISSION LOW UTILIZATION | | | | 00476 | D |
| 201 | AIRLIFT MSN ABORT-DIVERSION | | | | 00196 | D |
| 202 | AIRLIFT SORTIE PRIORTIES | | | | 00352 | D |
| 203 | AIRLIFT TRAFFIC DELAY REASONS | | | | 00510 | D |
| 204 | AIRLIFT FRAG HEADQUARTERS | | | | 00605 | D |
| 205 | AGENCIES SUPPORTED-AIRLIFT | | | | 00396 | D |
| 206 | AIRLIFT DELIVERY MODE | | | | 00085 | D |
| 207 | AIRLIFT MODE TYPES | | | | 00378 | D |
| 208 | ALOREP COLLECTION POINTS | | | | 00051 | D |
| 209 | AIRLIFT SQUADRON-TYPE AIRCRAFT | | | | 00108 | D |
| 210 | AIRCRAFT TYPE-ACL | | | | 00090 | D |
| 211 | AIRCRAFT TYPE-MAX SPEED | | | | 00081 | D |
| 212 | MILITARY AREA CODE | | | | 00050 | D |
| 214 | ALCC COMMAND POST | | | 0360K | | F |

TABLE 7.2B. PERISHABILITY OF DATA IN UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 215 | RADIO OPERATORS LOG BOOK | | | 0018M | | F |
| 216 | SUPPLY-ADMINISTRATIVE RECORDS | | | 0114K | | F |
| 218 | AIRLIFT SOPS | | | 52500 | | F |
| 219 | AIRFIELD FOLDER | | | | 0075K | F |
| 221 | MISSION NUMBER FILE | | | | 06807 | F |
| * 233 | AIR TERMINAL TEAM FILE | | | | 0378K | F |
| * 234 | CASUALTY STAGING FACILITY FILE | | | | 58860 | F |

7-8

TABLE 7.3. PERISHABILITY OF DATA IN CONFIDENTIAL FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 7 | DAILY AIRFIELD STATUS | 29500 | | | | D |
| 47 | CONTAMINATED AREAS NOTIFICATION | | | | 01900 | F |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | | | | 35000 | D |
| 176 | AERIAL PORT EQUIPMENT | | | 04000 | | D |
| 177 | COMBAT CONTROL TEAM | 04500 | | | | D |
| 179 | AIRCRAFT RESOURCES | | 44310 | | | D |

TABLE 7.4A.  PERISHABILITY OF DATA IN SECRET FILES

| FILE NUMB | | LESS 5 MIN | 5-30 MIN | 30-60 MIN | 1-2 HRS | 2-8 HRS | DISP |
|---|---|---|---|---|---|---|---|
| 8 | TACTICAL UNIT STATUS-FIGHTER | | | | | 02256 | F |
| 12 | SAM/ADA WEAPONS STATUS | | | | | 09920 | D |
| 27 | DEFCON/AIR RAID WARNING LOG | | | | | 17925 | D |
| 32 | RECON AIRCRAFT ALERT STATUS | | | | | 00184 | F |
| 51 | BIOLOGICAL/CHEMICAL ATTACK RPRT | | | 00850 | | | F |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | | | | | 1462K | F |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | | | | | 3110K | F |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | | | | | 0137K | F |
| 84 | TACTICAL UNIT STATUS  SOF | | | | | 43470 | D |

TABLE 7.4B. PERISHABILITY OF DATA IN SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | | | | 0150K | F |
| 9 | TACTICAL UNIT MUNITIONS STATUS | 19332 | | | | D |
| 10 | MISSION SCHEDULE-FIGHTER | | | | 39990 | F |
| 20 | FIGHTER MISSION PLANNING | | 13206 | | | D |
| 21 | RESTRICTIVE FIRE PLAN | 14000 | | | | D |
| 23 | FIGHTER ALERT STATUS | 01424 | | | | F |
| 25 | FRAG ORDER-FIGHTER | 0750K | | | | F |
| 26 | ACTION LOG-FTR OPS DUTY OFFICER | | | | 15840 | D |
| 30 | GROUND SENSOR DATA | 20000 | | | | F |
| 33 | RECON MISSION SCHEDULE | 09234 | | | | F |
| 38 | ECM MISSION SCHEDULE | 02868 | | | | D |
| * 39 | ECM MISSION RECOMMENDATION | | 03294 | | | D |
| 40 | ECM MISSION REQUIREMENTS | 15480 | | | | D |
| 41 | ECM SUPPORT REQUIREMENTS | | 01308 | | | D |
| * 42 | ECM DATA | | | 0420K | | F |
| * 43 | ECM THREAT DATA | | | 25920 | | F |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | 15066 | | | | D |

7-11

# TABLE 7.4B. PERISHABILITY OF DATA IN SECRET FILES
## (CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|-----------|---|---------|---------|-----------|-----------|------|
| * 45 | ECCM DATA | | | 0212K | | F |
| * 52 | INTEND EMPL OF C/B WEAPONS RPRT | | | 01260 | | D |
| 60 | ELINT INFLIGHT REPORT | 01644 | | | | F |
| 63 | ENEMY ELEC ORDER OF BATTLE SMY | 0248K | | | | D |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | 0178K | | | | D |
| 66 | TARGET NOMINATION LIST | 41500 | | | | D |
| 67 | LZ/DZ/EZ INTELLIGENCE | 10560 | | | | D |
| 68 | INTEL INPUTS TO FRAG ORDER | 32122 | | | | D |
| 71 | INTELLIGENCE ESTIMATE | | | 17880 | | F |
| 78 | DEFENSE ANALYSIS | | 36000 | | | F |
| 79 | THREAT EVALUATION | | 03000 | | | F |
| * 80 | MISSION REPORT TACINTELL MISREP | 70315 | | | | D |
| * 82 | UNIFILE PHOTO INTERP REPORT | | | 60984 | | F |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | | | 13338 | | D |
| 85 | PSYC WARFARE MISSION DATA  SOF | | | 21000 | | F |
| 87 | HERICIDE FRAG ORDER  SOF | | 11380 | | | F |
| * 88 | PSYC WARFARE FRAG ORDER  SOF | | 28080 | | | F |

TABLE 7.4B. PERISHABILITY OF DATA IN SECRET FILES
(CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 89 | NOTIFICATION-EXEC-HERB-MSN SOF | | | | 08760 | F |
| 92 | MISSION REPORT MISREP SOF | | | 01485 | | F |
| 99 | AIR CORRIDOR DATA | | | | 28000 | F |
| 110 | SAR MISSION DATA | | | | 0102K | F |
| 115 | SAR TACTICAL UNIT STATUS REPORT | | | | 05160 | F |
| 116 | SAR FRAG ORDER | | | | 9560 | F |
| 117 | SAR MISSION REPORT MISREP | | | | 0104K | F |
| 118 | RESCUE INFORMATION REPORT | | | | 0168K | F |
| 132 | TANKER RESOURCES AVAILABLE | 24200 | | | | D |
| 135 | TANKER FRAG ORDER | 59400 | | | | D |
| 136 | MISSION SCHEDULE TANKER | 65700 | | | | D |
| 137 | REFUELING MISSION COMP. REPORT | | | | 0306K | D |
| * 142 | MEDICAL CONTINGENCY RPT MEDCON | 0124K | | | | F |
| * 143 | MEDICAL EMERGENCY RPT MEDMER | 46980 | | | | F |
| * 144 | PERSONNEL DEPLOY. RPT PERSDEP | | | | 0250K | F |
| * 145 | PERSONNEL STATUS RPT PERSTAT | | 1741K | | | F |
| 147 | CIVIL AFFAIRS RPT CIVAF | | 0148K | | | F |

TABLE 7.4B. PERISHABILITY OF DATA IN SECRET FILES
(CONTINUED)

| | FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|---|
| | 149 | DEPLOY PLAN SUMMARY RPT DEPSUM1 | | | | 01560 | F |
| | 150 | OPS START RPT OPREP-2 | | | 02340 | | F |
| * | 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | | 0454K | | | F |
| * | 153 | COMMADERS SITUATION RPRT SITREP | 0108K | | | | F |
| | 154 | COMM SECURITY REPORT COMSEC | | | | 03600 | F |
| | 155 | AIRCREW/ACFT LOSS REPORT LOSREP | | | 1286K | | F |
| | 156 | INSTALLATION DAMAGE RPRT INREP | | | 33000 | | F |
| | 157 | PETRO DMGE/DEFICIENCY RPT REPOL | | | 13050 | | D |
| | 162 | AIRBORNE COMMAND POST RPRT ACP | | | | 12117 | F |
| | 163 | DEPLOYMENT SUM RPRT DEPSUM-2 | | | | 11430 | F |
| | 164 | OPERATIONS SUM RPRT OPREP-5 | | | | 3299K | F |
| | 165 | COMBAT ACTIVITIES REPORT COACT | | | | 70200 | F |
| * | 166 | FORCE STATUS REPORT FORSTAT | | 40600 | | | F |
| | 168 | LOGISTIC STATUS REPORT LOGSTAT | | 1764K | | | F |
| | 172 | FRAG ORDER REMARKS ALMS | | | | 97500 | D |
| | 217 | KAC CODE BOOK | | | 0053K | | D |
| | 220 | AREA-FUNCTION FILE | | | | 05695 | D |

TABLE 7.4B. PERISHABILITY OF DATA IN SECRET FILES
(CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 222 | SPECIAL INSTRUCTION FILE | | | | 69840 | F |
| 223 | BASE TO TRACK FILE-REFUELING | | | | 33750 | F |

TABLE 7.5. PERISHABILITY OF DATA IN TOP SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 49 | NUCLEAR STRIKE WARNING | 02160 | | | | D |
| 50 | NUCLEAR RESTRICTED AREA WARNING | | | 02400 | | F |

TABLE 7.6. PERISHABILITY OF DATA IN UNCLASSIFIED TO
CONFIDENTIAL FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 35 | RECON AIRCRAFT CHARACTERISTICS | | | | 1750K | D |
| 93 | AREA OF RESPONSIBILITY CHANGES | | | | 07000 | D |
| 170 | TACTICAL UNIT STATUS AIRLIFT | 0132K | | | | F |
| 175 | AIRFIELD STATUS | | | | 06100 | D |

TABLE 7.7A.  PERISHABILITY OF DATA IN UNCLASSIFIED
TO SECRET FILES

| FILE NUMB | | LESS 5 MIN | 5-30 MIN | 30-60 MIN | 1-2 HRS | 2-8 HRS | DISP |
|---|---|---|---|---|---|---|---|
| 31 | TACTICAL UNIT STATUS-RECON | | | | | 00282 | F |
| 133 | TACTICAL UNIT STATUS TANKER | | | | | 65700 | D |

TABLE 7.7B. PERISHABILITY OF DATA IN UNCLASSIFIED TO SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| * 3 | REGULATIONS | | | | 1260K | D |
| 4 | DEFCON STATUS | | | | 00064 | D |
| 6 | AIRFIELD DIRECTORY | | | | 0124K | D |
| 11 | TACS FACILITY STATUS | 03744 | | | | F |
| * 13 | FORCE ALLOCATION | | | | 00484 | F |
| 14 | AIR DEFENSE PLANNING COORD | | | | 06000 | D |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | | | | 08750 | D |
| 17 | FIGHTER ESCORT REQUIREMENTS | 12069 | | | | F |
| 18 | CAS AND INTERDICTION REQUEST | 34656 | | | | F |
| 19 | INTERDICTION MISSION PROFILE | | | | 2880 | F |
| 22 | MISSLE/HOT ZONE DATA | | | | 00606 | D |
| 24 | TACTICAL ACTION DATA | | | | 00690 | F |
| 34 | RECON MISSION REQUEST | | 32298 | | | F |
| 46 | BOMBER MISSION DATA | | | 11025 | | D |
| 72 | COLLECTION REQUIREMENTS EEI | | | 27000 | | F |
| * 75 | MISSION RECOMMENDATION | | 0447K | | | D |
| * 76 | ELINT MISSION REQUEST | | 06075 | | | D |

## TABLE 7.7B. PERISHABILITY OF DATA IN UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| *77 | GROUND FIRE REPORT | 03780 | | | | F |
| *81 | POST STRIKE IMAGERY REPORT | | 10620 | | | F |
| *86 | HERBICIDE MISSION PLAN DATA SOF | | | 21060 | | F |
| 90 | WEEKLY FLYING SCHEDULE SOF | | | | 00128 | D |
| 94 | A/G REPORTING PROCEDURES | | | | 17500 | D |
| 95 | AIR TERMINAL CONTROL PROCEDURES | | | | 70000 | F |
| 96 | CONTROL POINT DATA | | | | 28000 | F |
| 97 | AIR TRAFFIC IDENT PROCEDURES | | | | 28000 | F |
| 98 | PRIOITIES FOR AIRSPACE USE | | | | 28000 | F |
| 100 | FREE AIRSPACE DATA | | | | 0140K | F |
| 101 | RESTRICTED AIRSPACE DATA | | | | 03500 | F |
| 102 | FRIENDLY AIRSPACE DATA | | | | 70000 | F |
| 103 | AIRSPACE UTILIZATION PLAN | | | | 21000 | F |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | | | | 28000 | F |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | | | | 0420K | D |
| 106 | AIRSPACE CONFLICT DATA | 52500 | | | | F |
| 107 | AIR TRAFFIC HANDLING CAPABILITY | | | | 0105K | F |

TABLE 7.7B. PERISHABILITY OF DATA IN UNCLASSIFIED
TO SECRET FILES (CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 108 | MISSION ROUTING COORDINATION | | | | 0315K | F |
| 109 | SAR AIRCRAFT ALERT STATUS | | | | 09870 | F |
| 111 | SAR MISSION PROGRESS REPORT | | | 27346 | | F |
| 114 | SAR SUPPORT REQUIREMENTS | | | | 36360 | F |
| 134 | REFUELING REQUIREMENTS | 0640K | | | | D |
| 141 | DAILY MEDICAL STATUS RPT MEDREP | 0124K | | | | F |
| *146 | UNIT ID SYSTEM RPT UCODES | | 0182K | | | F |
| *151 | OPERATIONS STOP REPORT OPREP-4 | | 00316 | | | F |
| 158 | AIRCRAFT LINEUP REPORT LINEUP | | | | 00890 | D |
| 159 | ARRIVAL REPORT, TACOP | | 32760 | | | F |
| 160 | DEPARTURE REPORT, TACOP | | 05109 | | | D |
| 161 | DEVIATION REPORT | | 03810 | | | F |
| *167 | COMM ELECTR OPNS RPRT COMOPS | 0256K | | | | F |
| 169 | FRAG ORDER AIRLIFT | | 5500K | | | F |
| 171 | MISSION SCHEDULE AIRLIFT | 0591K | | | | F |
| 182 | AIRLIFT REQUIREMENTS | 14970 | | | | F |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | | | | 0486K | F |

TABLE 7.7B. PERISHABILITY OF DATA IN UNCLASSIFIED
TO SECRET FILES (CONTINUED)

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|-----------|---|---------|----------|-----------|------------|------|
| 224 | ACTION LOG—SURVEILLANCE | | | | 0695K | F |
| 225 | ACTION LOG—FIGHTER OPERATIONS | | | | 0348K | F |
| 226 | ACTION LOG—WEAPONS CONTROLLER | | | | 2087K | F |
| 227 | ACTION LOG—SEARCH AND RESCUE | | | | 0348K | F |
| 228 | ACTION LOG—INTELLIGENCE | | | | 0348K | F |
| 229 | ACTIVITY LOG—RECCE | | | | 0786K | F |
| 230 | DAILY ACTIVITY LOG—PHOTO INTELL | | | | 0174K | F |
| 231 | DAILY JOURNAL—FTR OFFICER PLANS | | | | 0348K | F |
| 232 | DAILY JOURNAL—AIR DEF OFF PLANS | | | | 0348K | F |

TABLE 7.8. PERISHABILITY OF DATA IN UNCLASSIFIED TO TO TOP SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 1 | OPERATIONS PLANS | | | | 140K | D |
| 2 | OPERATIONS ORDERS | | | 0420K | | D |
| 37 | FRAG ORDER-RECON | 0135K | | | | F |
| 53 | WEAPONS CHARACTERISTICS | | | | 5250K | F |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | 02898 | | | | D |
| 69 | INTELLIGENCE BRIEFING DATA | 60000 | | | | D |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | | | | 0332K | F |

TABLE 7.9. PERISHABILITY OF DATA IN CONFIDENTIAL TO SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|-----------|---|----------|----------|-----------|------------|------|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | 10179 | | | | D |

TABLE 7.10A. PERISHABILITY OF DATA IN SECRET TO
TOP SECRET FILES

| FILE NUMB | | LESS 5 MIN | 5-30 MIN | 30-60 MIN | 1-2 HRS | 2-8 HRS | DISP |
|---|---|---|---|---|---|---|---|
| 58 | ENEMY COMM ORDER OF BATTLE SMY | | | | | 0173K | F |

TABLE 7.10B. PERISHABILITY OF DATA IN SECRET TO
TOP SECRET FILES

| FILE NUMB | | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY | DISP |
|---|---|---|---|---|---|---|
| 15 | AIR DEFENSE PRIORITIES | | | | 17500 | D |
| 62 | INTELLIGENCE SUMMARY | 31500 | | | | F |
| * 65 | TARGET PRIORITY LIST | | 71466 | | | D |
| 70 | INTELLIGENCE STUDY | | | | 17500 | F |
| 74 | INTELLIGENCE REPORT | | | | 0613K | D |

8.0  MATRIX SHOWING THE PERISHABILITY OF THE SECURITY CLASSIFICATION OF
CLASSIFIED DATA

8.0 MATRIX SHOWING THE PERISHABILITY OF THE SECURITY CLASSIFICATION OF CLASSIFIED DATA

This section shows the distribution of classified data by categories of perishability of classified data. The security classification of the data in the data base is considered to have perished when it is changed to a higher or lower security classification. The categories used for perishability of security classification are the same as those used in Section 7.0 for the perishability of data, however, no files were found to have a perishability of security classification of less than one day. As was the case with the perishability of data, when the perishability of security classification could not be obtained from interview or documents, it was estimated by Hughes personnel familiar with tactical air operations and AFR 205-1 (asterisks precede those files whose perishability was estimated by Hughes personnel). The following list shows the table numbers for the groups of files of each security classification:

Table 8.2    Confidential

Table 8.3    Secret

Table 8.4    Top Secret

Table 8.5    Unclassified to Confidential

Table 8.6    Unclassified to Secret

Table 8.7    Unclassified to Top Secret

Table 8.8    Confidential to Secret

Table 8.9    Secret to Top Secret

It may be noted in Table 8.1 that over 99% of the classified data retains its security classification for more than 30 days. This may appear to be a discrepancy when comparing it with the amount of data in Section 7.0 in the "more than 30 days" perishability of data category. This

8.0 MATRIX SHOWING THE PERISHABILITY OF THE SECURITY CLASSIFICATION OF CLASSIFIED DATA (Continued)

8.0 apparent discrepancy is explained by the ground rule that the data is

considered to perish when it is no longer needed in active tactical air

operations, while the security classification is considered to perish

when the security classification of the data changes. Thus, for example,

mission schedule data is considered to perish soon after the mission is

completed but this is then filed for over 30 days so its security classifi-

cation is not considered perished as long as it remains in the file and is

not upgraded or downgraded.

TABLE 8.1 - SUMMARY OF DATA CONCERNING PERISHABILITY OF SECURITY CLASSIFICATION

OF CLASSIFIED FILES

| File Classification | No. | Volume | 1 - 5 DAYS | | 5 - 30 DAYS | | MORE THAN 30 DAYS | |
|---|---|---|---|---|---|---|---|---|
| | | | No. | Volume | No. | Volume | No. | Volume |
| Confidential | 6 | 119,210 | 0 | - - - | 0 | - - - - | 6 | 119,210 |
| Secret | 79 | 17,839,057 | 0 | - - - | 1 | 1,485 | 78 | 17,837,572 |
| Top Secret | 2 | 4,560 | | | | | 2 | 4,560 |
| Unclassified to Confidential | 4 | 1,895,100 | | | | | 4 | 1,895,100 |
| Unclassified to Secret | 62 | 16,797,842 | 1 | 6,075 | 1 | 52,500 | 60 | 16,739,267 |
| Unclassified to Top Secret | 7 | 6,339,898 | 0 | - - - | 1 | 420,000 | 6 | 5,919,898 |
| Confidential to Secret | 1 | 10,179 | | | | | 1 | 10,179 |
| Secret to Top Secret | 6 | 923,966 | | | | | 6 | 923,966 |
| TOTAL | 167 | 43,929,812 | 1 | 6,075 | 3 | 473,985 | 163 | 43,449,752 |
| % Classified Total | 100% | 100% | <1% | <1% | 2% | 1% | 98% | >99% |

## TABLE 8.2. PERISHABILITY OF SECURITY CLASSIFICATION OF CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 7 | DAILY AIRFIELD STATUS | | | | 29500 |
| 47 | CONTAMINATED AREAS NOTIFICATION | | | | 01900 |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | | | | 35000 |
| 176 | AERIAL PORT EQUIPMENT | | | | 04000 |
| 177 | COMBAT CONTROL TEAM | | | | 04500 |
| 179 | AIRCRAFT RESOURCES | | | | 44310 |

TABLE 8.3. PERISHABILITY OF SECURITY CLASSIFICATION
OF SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | | | | 0150K |
| 8 | TACTICAL UNIT STATUS-FIGHTER | | | | 02256 |
| 9 | TACTICAL UNIT MUNITIONS STATUS | | | | 19332 |
| 10 | MISSION SCHEDULE-FIGHTER | | | | 39990 |
| 12 | SAM/ADA WEAPONS STATUS | | | | 09920 |
| * 20 | FIGHTER MISSION PLANNING | | | | 13206 |
| 21 | RESTRICTIVE FIRE PLAN | | | | 14000 |
| 23 | FIGHTER ALERT STATUS | | | | 01424 |
| 25 | FRAG ORDER-FIGHTER | | | | 0750K |
| 26 | ACTION LOG-FTR OPS DUTY OFFICER | | | | 15840 |
| 27 | DEFCON/AIR RAID WARNING LOG | | | | 17925 |
| 30 | GROUND SENSOR DATA | | | | 20000 |
| 32 | RECON AIRCRAFT ALERT STATUS | | | | 00184 |
| 33 | RECON MISSION SCHEDULE | | | | 09234 |
| 38 | ECM MISSION SCHEDULE | | | | 02868 |
| * 39 | ECM MISSION RECOMMENDATION | | | | 03294 |
| 40 | ECM MISSION REQUIREMENTS | | | | 15480 |

TABLE 8.3. PERISHABILITY OF SECURITY CLASSIFICATION OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 41 | ECM SUPPORT REQUIREMENTS | | | | 01308 |
| *42 | ECM DATA | | | | 0420K |
| *43 | ECM THREAT DATA | | | | 25920 |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | | | | 15066 |
| *45 | ECCM DATA | | | | 0212K |
| 51 | BIOLOGICAL/CHEMICAL ATTACK RPRT | | | | 00850 |
| *52 | INTEND EMPL OF C/B WEAPONS RPRT | | | | 01260 |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | | | | 1462K |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | | | | 3110K |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | | | | 0137K |
| 60 | EL INT INFLIGHT REPORT | | | | 01644 |
| 63 | ENEMY ELEC ORDER OF BATTLE SMY | | | | 0248K |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | | | | 0178K |
| 66 | TARGET NOMINATION LIST | | | | 41500 |
| 67 | LZ/DZ/EZ INTELLIGENCE | | | | 10560 |
| 68 | INTEL INPUTS TO FRAG ORDER | | | | 32122 |
| 71 | INTELLIGENCE ESTIMATE | | | | 17880 |

TABLE 8.3. PERISHABILITY OF SECURITY CLASSIFICATION OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 78 | DEFENSE ANALYSIS | | | | 36000 |
| 79 | THREAT EVALUATION | | | | 03000 |
| * 80 | MISSION REPORT TACINTELL MISREP | | | | 70315 |
| * 82 | UNIFILE PHOTO INTERP REPORT | | | | 60984 |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | | | | 13338 |
| 84 | TACTICAL UNIT STATUS SOF | | | | 43470 |
| * 85 | PSYC WARFARE MISSION DATA SOF | | | | 21000 |
| 87 | HERICIDE FRAG ORDER SOF | | | | 11880 |
| * 88 | PSYC WARFARE FRAG ORDER SOF | | | | 28080 |
| 89 | NOTIFICATION-EXEC-HERB-MSN SOF | | | | 08760 |
| 92 | MISSION REPORT MISREP SOF | | | 01485 | |
| 99 | AIR CORRIDOR DATA | | | | 28000 |
| 110 | SAR MISSION DATA | | | | 0102K |
| 115 | SAR TACTICAL UNIT STATUS REPORT | | | | 05160 |
| 116 | SAR FRAG ORDER | | | | 9560 |
| 117 | SAR MISSION REPORT MISREP | | | | 0104K |
| 118 | RESCUE INFORMATION REPORT | | | | 0168K |

## TABLE 8.3. PERISHABILITY OF SECURITY CLASSIFICATION OF SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 132 | TANKER RESOURCES AVAILABLE | | | | 24200 |
| 135 | TANKER FRAG ORDER | | | | 59400 |
| 136 | MISSION SCHEDULE TANKER | | | | 65700 |
| 137 | REFUELING MISSION COMP. REPORT | | | | 0306K |
| * 142 | MEDICAL CONTINGENCY RPT MEDCON | | | | 0124K |
| * 143 | MEDICAL EMERGENCY RPT MEDMER | | | | 46980 |
| * 144 | PERSONNEL DEPLOY. RPT PERSDEP | | | | 0250K |
| * 145 | PERSONNEL STATUS RPT PERSTAT | | | | 1741K |
| 147 | CIVIL AFFAIRS RPT CIVAF | | | | 0148K |
| 149 | DEPLOY PLAN SUMMARY RPT DEPSUM1 | | | | 01560 |
| 150 | OPS START RPT OPREP-2 | | | | 02340 |
| * 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | | | | 0454K |
| * 153 | COMMADERS SITUATION RPRT SITREP | | | | 0108K |
| 154 | COMM SECURITY REPORT COMSEC | | | | 03600 |
| 155 | AIRCREW/ACFT LOSS REPORT LOSREP | | | | 1286K |
| 156 | INSTALLATION DAMAGE RPRT INREP | | | | 33000 |
| . 157 | PETRO DMGE/DEFICIENCY RPT REPOL | | | | 13050 |

TABLE 8.3.  PERISHABILITY OF SECURITY CLASSIFICATION OF
SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 162 | AIRBORNE COMMAND POST RPRT ACP | | | | 12117 |
| 163 | DEPLOYMENT SUM RPRT DEPSUM-2 | | | | 11430 |
| 164 | OPERATIONS SUM RPRT OPREP-5 | | | | 3299K |
| 165 | COMBAT ACTIVITIES REPORT COACT | | | | 70,200 |
| * 166 | FORCE STATUS REPORT FORSTAT | | | | 40,600 |
| 168 | LOGISTIC STATUS REPORT LOGSTAT | | | | 1764K |
| 172 | FRAG ORDER REMARKS  ALMS | | | | 97500 |
| 217 | KAC CODE BOOK | | | | 0053K |
| * 220 | AREA-FUNCTION FILE | | | | 05695 |
| 222 | SPECIAL INSTRUCTION FILE | | | | 69840 |
| 223 | BASE TO TRACK FILE-REFUELING | | | | 33750 |

TABLE 8.4. PERISHABILITY OF SECURITY CLASSIFICATION
OF TOP SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|-----------|-----------|----------|----------|-----------|------------|
| 49 | NUCLEAR STRIKE WARNING | | | | 02160 |
| 50 | NUCLEAR RESTRICTED AREA WARNING | | | | 02400 |

TABLE 8.5. PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|-----------|-----------|----------|----------|-----------|------------|
| 35 | RECON AIRCRAFT CHARACTERISTICS | | | | 1750K |
| 93 | AREA OF RESPONSIBILITY CHANGES | | | | 07000 |
| 170 | TACTICAL UNIT STATUS AIRLIFT | | | | 0132K |
| 175 | AIRFIELD STATUS | | | | 06100 |

TABLE 8.6. PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| * 3 | REGULATIONS | | | | 1260K |
| 4 | DEFCON STATUS | | | | 00064 |
| 6 | AIRFIELD DIRECTORY | | | | 0124K |
| 11 | TACS FACILITY STATUS | | | | 03744 |
| *13 | FORCE ALLOCATION | | | | 00484 |
| 14 | AIR DEFENSE PLANNING COORD | | | | 06000 |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | | | | 08750 |
| 17 | FIGHTER ESCORT REQUIREMENTS | | | | 12069 |
| 18 | CAS AND INTERDICTION REQUEST | | | | 34656 |
| 19 | INTERDICTION MISSION PROFILE | | | | 2880 |
| 22 | MISSLE/HOT ZONE DATA | | | | 00606 |
| 24 | TACTICAL ACTION DATA | | | | 00690 |
| 31 | TACTICAL UNIT STATUS-RECON | | | | 00282 |
| 34 | RECON MISSION REQUEST | | | | 32298 |
| 46 | BOMBER MISSION DATA | | | | 11025 |
| 72 | COLLECTION REQUIREMENTS EEI | | | | 27000 |
| * 75 | MISSION RECOMMENDATION | | | | 0447K |

TABLE 8.6. PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| *76 | ELINT MISSION REQUEST | | 06075 | | |
| *77 | GROUND FIRE REPORT | | | | 03780 |
| *81 | POST STRIKE IMAGERY REPORT | | | | 10620 |
| *86 | HERBICIDE MISSION PLAN DATA SOF | | | | 21060 |
| 90 | WEEKLY FLYING SCHEDULE SOF | | | | 00128 |
| 94 | A/G REPORTING PROCEDURES | | | | 17500 |
| 95 | AIR TERMINAL CONTROL PROCEDURES | | | | 70000 |
| 96 | CONTROL POINT DATA | | | | 28000 |
| 97 | AIR TRAFFIC IDENT PROCEDURES | | | | 28000 |
| 98 | PRIOITIES FOR AIRSPACE USE | | | | 28000 |
| 100 | FREE AIRSPACE DATA | | | | 0140K |
| 101 | RESTRICTED AIRSPACE DATA | | | | 03500 |
| 102 | FRIENDLY AIRSPACE DATA | | | | 70000 |
| 103 | AIRSPACE UTILIZATION PLAN | | | | 21000 |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | | | | 28000 |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | | | | 0420K |
| 106 | AIRSPACE CONFLICT DATA | | | 52500 | |

TABLE 8.6.  PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 107 | AIR TRAFFIC HANDLING CAPABILITY | | | | 0105K |
| 108 | MISSION ROUTING COORDINATION | | | | 0315K |
| 109 | SAR AIRCRAFT ALERT STATUS | | | | 09870 |
| 111 | SAR MISSION PROGRESS REPORT | | | | 27346 |
| 114 | SAR SUPPORT REQUIREMENTS | | | | 36360 |
| 133 | TACTICAL UNIT STATUS  TANKER | | | | 65700 |
| 134 | REFUELING REQUIREMENTS | | | | 0640K |
| * 141 | DAILY MEDICAL STATUS RPT MEDREP | | | | 0124K |
| * 146 | UNIT ID SYSTEM RPT  UCODES | | | | 0182K |
| * 151 | OPERATIONS STOP REPORT OPREP-4 | | | | 00316 |
| 158 | AIRCRAFT LINEUP REPORT LINEUP | | | | 00890 |
| 159 | ARRIVAL REPORT,TACOP | | | | 32760 |
| 160 | DEPARTURE REPORT,TACOP | | | | 05109 |
| 161 | DEVIATION REPORT | | | | 03810 |
| * 167 | COMM ELECTR OPNS RPRT COMOPS | | | | 0256K |
| 169 | FRAG ORDER  AIRLIFT | | | | 5500K |
| 171 | MISSION SCHEDULE  AIRLIFT | | | | 0591K |

TABLE 8.6.  PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 182 | AIRLIFT REQUIREMENTS | | | | 14970 |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | | | | 0486K |
| 224 | ACTION LOG-SURVEILLANCE | | | | 0695K |
| 225 | ACTION LOG-FIGHTER OPERATIONS | | | | 0348K |
| 226 | ACTION LOG-WEAPONS CONTROLLER | | | | 2087K |
| 227 | ACTION LOG-SEARCH AND RESCUE | | | | 0348K |
| 228 | ACTION LOG-INTELLIGENCE | | | | 0348K |
| 229 | ACTIVITY LOG-RECCE | | | | 0786K |
| 230 | DAILY ACTIVITY LOG-PHOTO INTELL | | | | 0174K |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | | | | 0348K |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | | | | 0348K |

TABLE 8.7. PERISHABILITY OF SECURITY CLASSIFICATION OF
UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 1 | OPERATIONS PLANS | | | | 140K |
| 2 | OPERATIONS ORDERS | | | 0420K | |
| 37 | FRAG ORDER-RECON | | | | 0135K |
| 53 | WEAPONS CHARACTERISTICS | | | | 5250K |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | | | | 02898 |
| 69 | INTELLIGENCE BRIEFING DATA | | | | 60000 |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | | | | 0332K |

TABLE 8.8. PERISHABILITY OF SECURITY CLASSIFICATION OF
CONFIDENTIAL TO SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | | | | 10179 |

TABLE 8.9. PERISHABILITY OF SECURITY CLASSIFICATION OF
SECRET TO TOP SECRET FILES

| FILE NUMB | FILE NAME | 8-24 HRS | 1-5 DAYS | 5-30 DAYS | MORE 30 DY |
|---|---|---|---|---|---|
| 15 | AIR DEFENSE PRIORITIES | | | | 17500 |
| 58 | ENEMY COMM ORDER OF BATTLE SMY | | | | 0173K |
| 62 | INTELLIGENCE SUMMARY | | | | 31500 |
| *65 | TARGET PRIORITY LIST | | | | 71466 |
| 70 | INTELLIGENCE STUDY | | | | 17500 |
| 74 | INTELLIGENCE REPORT | | | | 0613K |

9.0 MATRIX SHOWING UPDATE FREQUENCIES OF DATA IN THE FILES

9.0 MATRIX SHOWING UPDATE FREQUENCIES OF DATA IN THE FILES

This section analyzes the update frequencies of data in the data base of
the current TACC Complex. Update frequencies have been quantized for pur-
poses of this Study into the following categories:

    More than 10 times per hour

    1 to 10 times per hour

    6 to 23 times per day

    1 to 5 times per day

    Less than once per day

    Highly variable

The "highly variable" category was necessary to include files which are
not updated at regular time intervals such as the DEFCON Status which is
changed dependent on enemy air activity.

The update frequency is a characteristic which, for many files, is dependent
on force model factors listed in Section 3.0 of "Tabulation of TACC Secure
Data, CDRL Item A-003". As such, the values for this characteristic were
calculated by Hughes personnel to be compatible with a large scale operation
exercising all tactical functions which the force model is capable of executing.
In calculating these values, Hughes applied collected factors, which are non-
time-dependent, to force model factors. An example of a collected non-time-
dependent factor is that the Fighter Mission Schedule, File No. 10, is updated
five times per mission. Multiplying this times 216 fighter missions per day
(from Table 3.2 of CDRL Item A-003), the update frequency becomes 1080 times
per day which averages in the "more than 10 times per hour" category. It is
realized, however, that this update frequency would probably be higher than

9.0  MATRIX SHOWING UPDATE FREQUENCIES OF DATA IN THE FILES (continued)

The above value during peak activity periods since past history of TACC operations indicate that two peak periods normally occur during the day, hence update rates during these periods and a few hours preceeding these periods would be considerably higher.

The following list shows the table numbers for the groups of files of each security classification:

Table 9.2      Unclassified

Table 9.3      Confidential

Table 9.4      Secret

Table 9.5      Top Secret

Table 9.6      Unclassified to Confidential

Table 9.7      Unclassified to Secret

Table 9.8      Unclassified to Top Secret

Table 9.9      Confidential to Secret

Table 9.10     Secret to Top Secret

Table 9.1 shows a summary of update frequencies for the files grouped by security classification.  The analysis indicates that 30% of the files and 30% of the file volume is updated 1-5 times per day and only 4% of the files or 29% of data volume requires updating more than 10 times per hour.  Of the files which are updated over 10 times per hour, those that are unclassified represent 2.1% of the files and 27.3% of the data volume in the current TACC data base. These consist primarily of four files;  Air Situation Data, Inflight Intelligence Reports, Pilot Weather Reports, and the Radio Operator's Log Book. All of these files contain data which is of value to the enemy and as such should be handled as classified data.  Undoubtedly the reason these files are not classified in the current system is that the means are not avilable to treat them as classified without delaying the communication of this

9.0  MATRIX SHOWING UPDATE FREQUENCIES OF DATA IN THE FILES (continued)

perishable data and thus deteriorating its value when it is urgently

needed.

Another conclusion which may be drawn from Table 9.1 is that 48% of the volume

of data is updated less frequently than six times per day.  This may prove

to be a fortunate factor in the design of the automated TACC for rapid access

to the data for update purposes, at least, is not required for this large

percentage of data.

**TABLE 9.1   SUMMARY OF ANALYSIS OF UPDATE FREQUENCY OF DATA IN THE FILES**

| File Classification | Over 10/Hour No | Over 10/Hour Volume | 1-10/Hour No | 1-10/Hour Volume | 6-23/Day No | 6-23/Day Volume | 1-5/Day No | 1-5/Day Volume | Less Than 1 Day No | Less Than 1 Day Volume | Highly Variable No | Highly Variable Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U. | 5 | 18,597,969 | 1 | 129,000 | 6 | 2,287,160 | 11 | 896,250 | 39 | 2,088,717 | 6 | 85,821 |
| C. | 0 | — | 0 | — | 0 | — | 3 | 35,900 | 3 | 83,310 | 0 | — |
| S. | 1 | 39,990 | 3 | 137,066 | 6 | 2,015,024 | 32 | 11,828,057 | 18 | 2,142,167 | 19 | 1,676,753 |
| T.S. | 0 | — | — | — | — | — | 2 | 4,560 | 0 | — | — | — |
| U. to C. | 0 | — | — | — | 1 | 132,000 | 1 | 6,100 | 2 | 1,757,000 | 0 | — |
| U. to S. | 2 | 906,000 | 8 | 4,098,647 | 8 | 2,413,500 | 15 | 6,573,039 | 18 | 631,707 | 11 | 2,174,949 |
| U. to T.S. | 0 | — | 2 | 334,898 | 0 | — | 2 | 195,000 | 3 | 5,810,000 | 0 | — |
| C. to S. | 0 | — | 1 | 10,179 | 0 | — | — | — | — | — | — | — |
| S. to T.S. | 0 | — | 0 | — | 1 | 173,000 | 5 | 750,966 | 0 | — | — | — |
| TOTAL | 8 | 19,543,959 | 15 | 4,709,790 | 22 | 7,020,684 | 71 | 20,289,872 | 83 | 12,512,901 | 36 | 3,937,523 |
| % TOTAL | 4% | 29% | 7% | 7% | 9% | 10% | 30% | 30% | 35% | 18% | 15% | 6% |

TABLE 9.2A. UPDATE FREQUENCY FOR UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/DAY | 6-23/DAY | 1-5/DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 28 | TACC SOPS | | | | | 87500 |
| 29 | AIR SITUATION DATA | 75000 | | | | |
| 36 | SOPS FOR RECON DUTY PERSONNEL | | | | | 42000 |
| 54 | INFLIGHT INTELLIGENCE REPORT | 45162 | | | | |
| 73 | INTEL DUTY PERSONNEL SOPS | | | | | 03500 |
| 91 | SOP FOR SOF DUTY PERSONNEL | | | | | 07000 |
| 112 | SAR AIRCRAFT CHARACTERISTICS | | | | | 0150K |
| 113 | SAR DUTY OFFICER SOP | | | | | 14000 |
| 119 | AREA WEATHER FORECAST | | | | 36000 | |
| 120 | TERMINAL WEATHER FORECAST | | | | 0316K | |
| 121 | SPECIAL MISSION FORECAST | | | | 35820 | |
| 123 | WINDS ALOFT | | | 12000 | | |
| 124 | FAC WEATHER REPORT | | | 0210K | | |
| 125 | PILOT WEATHER REPORT | 0471K | | | | |
| 126 | WEATHER RECONNISSANCE REPORT | | | | 07260 | |
| 127 | AIRBASE WEATHER OBSERVATION | | | 1298K | | |
| 128 | WEATHER MAP AND CHARTS | | | | 00000 | |

TABLE 9.2A.  UPDATE FREQUENCY FOR UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 129 | RADAR WEATHER REPORTS | | | 29160 | | |
| 130 | ARMED FORCES SURFACE WX OBS | | 0129K | | | |
| 131 | WEATHER INFORMATION REQUEST | | | | 02710 | |
| 139 | SOP S FOR TANKER DUTY PERSONNEL | | | | | 21000 |
| 148 | CLAIMS RPT CLAIMS | | | | | 1620K |
| 174 | AIRFIELD DESIGNATORS ALMS | | | | | 04700 |
| 178 | AIRCRAFT PLANNING FACTORS | | | | | 00729 |
| 181 | RECURRING MISSIONS SCHEDULE | | | | 0165K | |
| 183 | GROUND TIME | | | | | 03696 |
| 184 | RECONFIGURATION TIME | | | | | 00024 |
| 185 | MAJOR COMMAND | | | | | 00152 |
| 186 | PRIOITY TABLE | | | | | 01026 |
| 187 | SECURITY CLASSIFICATION | | | | | 00140 |
| 188 | CARGO TYPE | | | | | 00660 |
| 189 | PASSENGER TYPE | | | | | 00165 |
| 190 | PALLET TYPE | | | | | 00245 |
| 191 | DAYLIGHT HOURS | | | | | 00144 |

TABLE 9.2A. UPDATE FREQUENCY FOR UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 192 | COMPATIBLE AIRCRAFT | | | | | 00150 |
| 193 | DAILY AIRLIFT SUMMARY | | | | 48600 | |
| 195 | AIRLIFT AIRCRAFT TYPES | | | | | 00072 |
| 197 | AIRLIFT OPERATING UNITS | | | | | 00156 |
| 198 | AIRLIFT SORTIE FUNCTION | | | | | 00384 |
| 199 | AIRLIFT MISSION DELAY REASONS | | | | | 00396 |
| 200 | AIRLIFT MISSION LOW UTILIZATION | | | | | 00476 |
| 201 | AIRLIFT MSN ABORT-DIVERSION | | | | | 00196 |
| 202 | AIRLIFT SORTIE PRIORTIES | | | | | 00352 |
| 203 | AIRLIFT TRAFFIC DELAY REASONS | | | | | 00510 |
| 204 | AIRLIFT FRAG HEADQUARTERS | | | | | 00605 |
| 205 | AGENCIES SUPPORTED-AIRLIFT | | | | | 00396 |
| 206 | AIRLIFT DELIVERY MODE | | | | | 00085 |
| 207 | AIRLIFT MODE TYPES | | | | | 00378 |
| 208 | ALOREP COLLECTION POINTS | | | | | 00051 |
| 209 | AIRLIFT SQUADRON-TYPE AIRCRAFT | | | | | 00108 |
| 210 | AIRCRAFT TYPE-ACL | | | | | 00090 |

TABLE 9.2A.  UPDATE FREQUENCY FOR UNCLASSIFIED FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 211 | AIRCRAFT TYPE-MAX SPEED | | | | | 00081 |
| 212 | MILITARY AREA CODE | | | | | 00050 |
| 214 | ALCC COMMAND POST | | | 0360K | | |
| 215 | RADIO OPERATORS LOG BOOK | 0018M | | | | |
| 216 | SUPPLY-ADMINISTRATIVE RECORDS | | | | 0114K | |
| 218 | AIRLIFT SOPS | | | | | 52500 |
| 219 | AIRFIELD FOLDER | | | | | 0075K |
| 221 | MISSION NUMBER FILE | 06807 | | | | |
| 233 | AIR TERMINAL TEAM FILE | | | 0378K | | |
| 234 | CASUALTY STAGING FACILITY FILE | | | | 58860 | |
| 235 | INFLIGHT TEAM FILE | | | | 0112K | |

TABLE 9.2B.    UPDATE FREQUENCY FOR UNCLASSIFIED FILES

| FILE NUMB | FILE NAME | HIGH VAR |
|---|---|---|
| 048 | NUDET REPORTS | 01500 |
| 122 | SEVERE WEATHER WARNING | 00180 |
| 140 | TRACK DATA | 75000 |
| 173 | FRAG ORDER ADDRESSES (FODL) | 04599 |
| 180 | AIRCRAFT ROUTING | 04200 |
| 196 | AIRLIFT COUNTRY-SERVICE-OPERATOR | 00342 |

TABLE 9.3.  UPDATE FREQUENCY FOR CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 7 | DAILY AIRFIELD STATUS | | | | 29500 | |
| 47 | CONTAMINATED AREAS NOTIFICATION | | | | 01900 | |
| 138 | AIRCRAFT CHARACTERISTICS TANKER | | | | | 35000 |
| 176 | AERIAL PORT EQUIPMENT | | | | | 04000 |
| 177 | COMBAT CONTROL TEAM | | | | 04500 | |
| 179 | AIRCRAFT RESOURCES | | | | | 44310 |

TABLE 9.4A. UPDATE FREQUENCY FOR SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 5 | FRIENDLY GROUND SITUATION DATA | | | | | 0150K |
| 8 | TACTICAL UNIT STATUS–FIGHTER | | | | 02256 | |
| 9 | TACTICAL UNIT MUNITIONS STATUS | | | | 19332 | |
| 10 | MISSION SCHEDULE–FIGHTER | 39990 | | | | |
| 12 | SAM/ADA WEAPONS STATUS | | | | 09920 | |
| 25 | FRAG ORDER–FIGHTER | | | | 0750K | |
| 30 | GROUND SENSOR DATA | | 20000 | | | |
| 32 | RECON AIRCRAFT ALERT STATUS | | | 00184 | | |
| 38 | ECM MISSION SCHEDULE | | | | 02868 | |
| 39 | ECM MISSION RECOMMENDATION | | | | | 03294 |
| 40 | ECM MISSION REQUIREMENTS | | | | 15480 | |
| 43 | ECM THREAT DATA | | | | | 25920 |
| 44 | ELECTRONIC TACTICAL ACTION RPRT | | 15066 | | | |
| 52 | INTEND EMPL OF C/B WEAPONS RPRT | | | | | 01260 |
| 55 | ENEMY AIR ORDER OF BATTLE SMY | | | 1462K | | |
| 56 | ENEMY GRD ORDER OF BATTLE SMY | | | | 3110K | |
| 57 | ENEMY NAV ORDER OF BATTLE SMY | | | 0137K | | |

TABLE 9.4A.  UPDATE FREQUENCY FOR SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 60 | ELINT INFLIGHT REPORT | | | | 01644 | |
| 64 | ENEMY AA/SAM ORDER OF BATTLE SMY | | | 0178K | | |
| 66 | TARGET NOMINATION LIST | | | | 41500 | |
| 68 | INTEL INPUTS TO FRAG ORDER | | | | 32122 | |
| 71 | INTELLIGENCE ESTIMATE | | | | 17880 | |
| 78 | DEFENSE ANALYSIS | | | | 36000 | |
| 79 | THREAT EVALUATION | | | | 03000 | |
| 83 | CONSOLIDATED IMAGERY REQUIREMENT | | | | | 13338 |
| 84 | TACTICAL UNIT STATUS  SOF | | | | 43470 | |
| 85 | PSYC WARFARE MISSION DATA  SOF | | | | | 21000 |
| 87 | HERICIDE FRAG ORDER  SOF | | | | | 11880 |
| 88 | PSYC WARFARE FRAG ORDER  SOF | | | | | 28080 |
| 89 | NOTIFICATION-EXEC-HERB-MSN  SOF | | | | | 08760 |
| 92 | MISSION REPORT  MISREP  SOF | | | | | 01485 |
| 99 | AIR CORRIDOR DATA | | | | | 28000 |
| 110 | SAR MISSION DATA | | 0102K | | | |
| 115 | SAR TACTICAL UNIT STATUS REPORT | | | | | 05160 |

TABLE 9.4A. UPDATE FREQUENCY FOR SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 116 | SAR FRAG ORDER | | | | 9560 | |
| 117 | SAR MISSION REPORT MISREP | | | | | 0104K |
| 118 | RESCUE INFORMATION REPORT | | | 0168K | | |
| 132 | TANKER RESOURCES AVAILABLE | | | | 24200 | |
| 135 | TANKER FRAG ORDER | | | | 59400 | |
| 136 | MISSION SCHEDULE TANKER | | | | 65700 | |
| 142 | MEDICAL CONTINGENCY RPT MEDCON | | | | 0124K | |
| 143 | MEDICAL EMERGENCY RPT MEDMER | | | | 46980 | |
| 145 | PERSONNEL STATUS RPT PERSTAT | | | | | 1741K |
| 147 | CIVIL AFFAIRS RPT CIVAF | | | | | 0148K |
| 150 | OPS START RPT OPREP-2 | | | | | 02340 |
| 152 | OPNS EVENT/INCIDENT RPT OPREP-3 | | | | 0454K | |
| 153 | COMMADERS SITUATION RPRT SITREP | | | | 0108K | |
| 154 | COMM SECURITY REPORT COMSEC | | | | | 03600 |
| 155 | AIRCREW/ACFT LOSS REPORT LOSREP | | | | 1286K | |
| 156 | INSTALLATION DAMAGE RPRT INREP | | | | | 33000 |
| 157 | PETRO DMGE/DEFICIENCY RPT REPOL | | | | | 13050 |

TABLE 9.4A.  UPDATE FREQUENCY FOR SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 164 | OPERATIONS SUM RPRT OPREP-5 | | | | 3299K | |
| 165 | COMBAT ACTIVITIES REPORT COACT | | | | 70200 | |
| 166 | FORCE STATUS REPORT FORSTAT | | | | 40600 | |
| 168 | LOGISTIC STATUS REPORT LOGSTAT | | | | 1764K | |
| 172 | FRAG ORDER REMARKS  ALMS | | | | 97500 | |
| 217 | KAC CODE BOOK | | | | | 0053K |
| 220 | AREA-FUNCTION FILE | | | | 05695 | |
| 222 | SPECIAL INSTRUCTION FILE | | | 69840 | | |
| 223 | BASE TO TRACK FILE-REFUELING | | | | 33750 | |

TABLE 9.4B. UPDATE FREQUENCY FOR SECRET FILES

| FILE NUMB | FILE NAME | HIGH VAR |
|-----------|-----------|----------|
| 020 | FIGHTER MISSION PLANNING | 13206 |
| 021 | RESTRICTIVE FIRE PLAN | 14000 |
| 023 | FIGHTER ALERT STATUS | 01424 |
| 026 | ACTION LOG-FTR OPS DUTY OFFICER | 15840 |
| 027 | DEFCON/AIR RAID WARNING LOG | 17925 |
| 033 | RECON MISSION SCHEDULE | 09234 |
| 041 | ECM SUPPORT REQUIREMENTS | 01308 |
| 042 | ECM DATA | 0420K |
| 045 | ECCM DATA | 0212K |
| 051 | BIOLOGICAL/CHEMICAL ATTACK RPRT | 00850 |
| 063 | ENEMY ELEC ORDER OF BATTLE SMY | 0248K |
| 067 | LZ/DZ/EZ INTELLIGENCE | 10560 |
| 080 | MISSION REPORT TACINTELL MISREP | 70315 |
| 082 | UNIFILE PHOTO INTERP REPORT | 60984 |
| 137 | REFUELING MISSION COMP. REPORT | 0306K |
| 144 | PERSONNEL DEPLOY. RPT (PERSDEP) | 0250K |
| 149 | DEPLOY PLAN SUMMARY RPT (DEPSUM) | 01560 |

TABLE 9.4B.   UPDATE FREQUENCY FOR SECRET FILES
(CONTINUED)

| FILE NUMB | FILE NAME | HIGH VAR |
|---|---|---|
| 162 | AIRBORNE COMMAND POST RPRT (ACP) | 12117 |
| 163 | DEPLOYMENT SUM RPRT (DEPSUM-2) | 11430 |

TABLE 9.5. UPDATE FREQUENCY FOR TOP SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 49 | NUCLEAR STRIKE WARNING | | | | 02160 | |
| 50 | NUCLEAR RESTRICTED AREA WARNING | | | | 02400 | |

TABLE 9.6.  UPDATE FREQUENCY FOR UNCLASSIFIED TO
CONFIDENTIAL FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 35 | RECON AIRCRAFT CHARACTERISTICS | | | | | 1750K |
| 93 | AREA OF RESPONSIBILITY CHANGES | | | | | 07000 |
| 170 | TACTICAL UNIT STATUS AIRLIFT | | | 0132K | | |
| 175 | AIRFIELD STATUS | | | | 06100 | |

TABLE 9.7A. UPDATE FREQUENCY FOR UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 6 | AIRFIELD DIRECTORY | | | | | 0124K |
| 11 | TACS FACILITY STATUS | | | | 03744 | |
| 13 | FORCE ALLOCATION | | | | 00484 | |
| 14 | AIR DEFENSE PLANNING COORD | | | | | 06000 |
| 16 | ORB PTS-ROUTES FOR AIR DEF ACFT | | | | 08750 | |
| 17 | FIGHTER ESCORT REQUIREMENTS | | | | 12069 | |
| 19 | INTERDICTION MISSION PROFILE | | | | | 2880 |
| 22 | MISSLE/HOT ZONE DATA | | 00606 | | | |
| 31 | TACTICAL UNIT STATUS-RECON | | | | 00282 | |
| 34 | RECON MISSION REQUEST | | | | | 32298 |
| 46 | BOMBER MISSION DATA | | | | | 11025 |
| 72 | COLLECTION REQUIREMENTS EEI | | | | 27000 | |
| 75 | MISSION RECOMMENDATION | | | 0447K | | |
| 76 | ELINT MISSION REQUEST | | 06075 | | | |
| 77 | GROUND FIRE REPORT | | | | 03780 | |
| 81 | POST STRIKE IMAGERY REPORT | | 10620 | | | |
| 86 | HERBICIDE MISSION PLAN DATA SOF | | | | | 21060 |

TABLE 9.7A. UPDATE FREQUENCY FOR UNCLASSIFIED TO
SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 90 | WEEKLY FLYING SCHEDULE SOF | | | | | 00128 |
| 94 | A/G REPORTING PROCEDURES | | | | | 17500 |
| 95 | AIR TERMINAL CONTROL PROCEDURES | | | | | 70000 |
| 96 | CONTROL POINT DATA | | | | | 28000 |
| 97 | AIR TRAFFIC IDENT PROCEDURES | | | | | 28000 |
| 98 | PRIOITIES FOR AIRSPACE USE | | | | | 28000 |
| 100 | FREE AIRSPACE DATA | | | | | 0140K |
| 101 | RESTRICTED AIRSPACE DATA | | | | | 03500 |
| 102 | FRIENDLY AIRSPACE DATA | | | | | 70000 |
| 103 | AIRSPACE UTILIZATION PLAN | | | | | 21000 |
| 104 | GUIDANCE FOR AIRSPACE MANAGEMENT | | | | | 28000 |
| 105 | AIR TRAFFIC CONTROL INSTRUCTIONS | | | | 0420K | |
| 106 | AIRSPACE CONFLICT DATA | | | 52500 | | |
| 107 | AIR TRAFFIC HANDLING CAPABILITY | | | | 0105K | |
| 108 | MISSION ROUTING COORDINATION | 0315K | | | | |
| 109 | SAR AIRCRAFT ALERT STATUS | | | | 09870 | |
| 111 | SAR MISSION PROGRESS REPORT | | 27346 | | | |

TABLE 9.7A. UPDATE FREQUENCY FOR UNCLASSIFIED TO
SECRET FILES (CONTINUED)

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 114 | SAR SUPPORT REQUIREMENTS | | | | 36360 | |
| 133 | TACTICAL UNIT STATUS TANKER | | | | 65700 | |
| 141 | DAILY MEDICAL STATUS RPT MEDREP | | | | 0124K | |
| 151 | OPERATIONS STOP REPORT OPREP-4 | | | | | 00316 |
| 167 | COMM ELECTR OPNS RPRT COMOPS | | | | 0256K | |
| 169 | FRAG ORDER AIRLIFT | | | | 5500K | |
| 171 | MISSION SCHEDULE AIRLIFT | 0591K | | | | |
| 213 | CONTROLLERS LOG BOOK-AIRLIFT | | 0486K | | | |
| 224 | ACTION LOG-SURVEILLANCE | | 0695K | | | |
| 225 | ACTION LOG-FIGHTER OPERATIONS | | | 0348K | | |
| 226 | ACTION LOG-WEAPONS CONTROLLER | | 2087K | | | |
| 227 | ACTION LOG-SEARCH AND RESCUE | | | 0348K | | |
| 228 | ACTION LOG-INTELLIGENCE | | | 0348K | | |
| 229 | ACTIVITY LOG-RECCE | | 0786K | | | |
| 230 | DAILY ACTIVITY LOG-PHOTO INTELL | | | 0174K | | |
| 231 | DAILY JOURNAL-FTR OFFICER PLANS | | | 0348K | | |
| 232 | DAILY JOURNAL-AIR DEF OFF PLANS | | | 0348K | | |

TABLE 9.7B.  UPDATE FREQUENCY FOR UNCLASSIFIED TO SECRET FILES

| FILE NUMB | FILE NAME | HIGH VAR |
|---|---|---|
| 003 | REGULATIONS | 1260K |
| 004 | DEFCON STATUS | 00064 |
| 018 | CAS AND INTERDICTION REQUEST | 34656 |
| 024 | TACTICAL ACTION DATA | 00690 |
| 134 | REFUELING REQUIREMENTS | 0640K |
| 146 | UNIT ID SYSTEM RPT (UCODES) | 0182K |
| 158 | AIRCRAFT LINEUP REPORT (LINEUP) | 00890 |
| 159 | ARRIVAL REPORT, TACOP | 32760 |
| 160 | DEPARTURE REPORT, TACOP | 05109 |
| 161 | DEVIATION REPORT | 03810 |
| 182 | AIRLIFT REQUIREMENTS | 14970 |

TABLE 9.8. UPDATE FREQUENCY FOR UNCLASSIFIED TO TOP SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 1 | OPERATIONS PLANS | | | | | 140K |
| 2 | OPERATIONS ORDERS | | | | | 0420K |
| 37 | FRAG ORDER-RECON | | | | 0135K | |
| 53 | WEAPONS CHARACTERISTICS | | | | | 5250K |
| 59 | HOT NEWS RPRTS/SPOT INTEL RPRTS | | 02898 | | | |
| 69 | INTELLIGENCE BRIEFING DATA | | | | 60000 | |
| 194 | AIRLIFT OPERATIONS REPORT-ALOREP | | 0332K | | | |

TABLE 9.9. UPDATE FREQUENCY FOR CONFIDENTIAL TO
SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 61 | IMMED PHOTO/INTELLIGENCE REPORT | | 10179 | | | |

TABLE 9.10. UPDATE FREQUENCY FOR SECRET TO TOP SECRET FILES

| FILE NUMB | FILE NAME | OVER 10/HR | 1-10/ DAY | 6-23/ DAY | 1-5/ DAY | LESS 1/DAY |
|---|---|---|---|---|---|---|
| 15 | AIR DEFENSE PRIORITIES | | | | 17500 | |
| 58 | ENEMY COMM ORDER OF BATTLE SMY | | | 0173K | | |
| 62 | INTELLIGENCE SUMMARY | | | | 31500 | |
| 65 | TARGET PRIORITY LIST | | | | 71466 | |
| 70 | INTELLIGENCE STUDY | | | | 17500 | |
| 74 | INTELLIGENCE REPORT | | | | 0613K | |

SECTION 10.0

COMPLETE FILE LISTING

## 10.0 COMPLETE FILE LISTING

This section provides a ready reference to the characteristics of the data base files found to be in use in the current TACC Complex. It is reproduced from a printout of the complete card deck described in Section 2.0. As such it contains all of the characteristics of the data in the current TACC data base which were collected during this Study. These characteristics may be used for further analyses if desired. Table 10.1 contains the coding necessary to interpret this listing.

### TABLE 10.1   CODING FOR FILE LISTING

| Column Numbers and Item Name | Categories | Code |
|---|---|---|
| 1-3   File Number | | 4 digits |
| 4     Blank | | |
| 5     Card Code | To identify card as a data card | 1 |
| 6     Blank | | |
| 7-38  File Name | | |
| 39    Blank | | |
| 40    Update Frequency | More than 10 times/hour | 1 |
| | 1 to 10 times/hour | 2 |
| | 6 to 23 times/day | 3 |
| | 1 to 5 times/day | 4 |
| | Less than once per day | 5 |
| | Highly variable | V |
| 41    Blank | | |
| 42    File Security Classification | Unclassified | U |
| | Confidential | C |
| | Secret | S |
| | Top Secret | T |
| | Confidential NOFORN | 1 |
| | Secret NOFORN | 2 |
| | Top Secret NOFORN | 3 |
| | Unclassified to Confidential | 4 |
| | Unclassified to Secret | 5 |
| | Unclassified to Top Secret | 6 |
| | Confidential to Secret | 7 |
| | Secret to Top Secret | 8 |

TABLE 10.1  CODING FOR FILE LISTING (continued)

| Column Numbers and Item Name | Categories | Code |
|---|---|---|
| 43 Blank | | |
| 44-45 Number of Internal Users | | 2 digits |
| 46 Blank | | |
| 47-49 Number of External Users | | 3 digits |
| 50 Blank | | |
| 51-52 Nature of File | Textual | X |
| | Pictorial | P |
| | Numerical | N |
| | Tabular | T |
| | Mixed | M |
| | Other | O |
| 54-55 Format of File | Form | FM |
| | Log | LG |
| | Document | DO |
| | Map | MP |
| | Overlay | OL |
| | Book | BK |
| | Notebook | NB |
| | Group Display | GD |
| | Photo | PH |
| | TTY Printout | TY |
| | Facsimile | FC |
| | File Folder | FF |
| | Letter | LR |
| | Mixed | MX |
| | Other | OR |
| 56 Blank | | |
| 57-61 Size of File | Characters | 5 digits |
| | Thousands of Characters | 4 digits + K |
| | Millions of Characters | 4 digits + M |
| | If all Pictorial Data | Blank |
| 62 Pictorial Data Indicator | If any or all of file is pictorial data | P |
| | If no pictorial data | Blank |
| 63 Blank | | |
| 64 Storage Medium | File Cabinet | F |
| | Safe | S |
| | Bookcase | B |
| | Display Board | D |
| | Clipboard | C |
| | Notebook | N |

TABLE 10.1  CODING FOR FILE LISTING  (continued)

| Column Numbers and Item Name | Categories | Code |
|---|---|---|
| 64    (cont'd) | Table or Desk Top | T |
| | Table or Desk Drawer | R |
| | Other | O |
| | Mixed | M |
| 65    Blank | | |
| 66    Physical Location | Current Ops | O |
| | Current Plans | P |
| | ALCC | A |
| | Weather | W |
| | Mixed | M |
| | Other | R |
| 67    Blank | | |
| 68    Perishability of Data | Less than 5 min. | 1 |
| | 5-30 min. | 2 |
| | 30-60 min. | 3 |
| | 1-2 hrs. | 4 |
| | 2-8 hrs. | 5 |
| | 8-24 hrs. | 6 |
| | 1-5 days | 7 |
| | 5-30 days | 8 |
| | More than 30 days | 9 |
| 69    Blank | | |
| 70    Perishability of Security Classification | Same as for Perishability of Data | |
| 71    Blank | | |
| 72    Disposition of Data | Destroyed | D |
| | Filed for Reference | F |
| 73    Blank | | |
| 74-77 File unique to TACC type | Training | T |
| | Non-Combat | O |
| | Non-Nuclear Combat | C |
| | Nuclear Combat | N |
| 78    Blank | | |
| 79-80 Note number for remarks as follows: | | 2 digits |

01 - Column 40 estimated by Hughes (update frequency)
02 - Column 42 estimated by Hughes (Security Classification)
03 - File size taken from Tactical Air Command Operational
     Concept TACC/TACS Requirements for Automation of
     Information Flow and Display (U), 1 May 1970 (Confidential)

TABLE 10.1   CODING FOR FILE LISTING (continued)


79-80 (cont'd)

        04 - File size estimated by Hughes
        05 - Combo of 01 and 02
        06 - Combo of 01 and 04
        07 - Combo of 01, 02, and 04
        08 - Combo of 02 and 04

| File No. | Card Code | File Name | Update Freq | Security Classif | No. Internal Users | No. External Users | Nature of File | Format of File | File Size | Pictorial Data Ind | Storage Medium | Physical Location | Disposition of Data | Type of Operation | Note Number for Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 1 | OPERATIONS PLANS | V | S | 18 | 001 | X | MX | 140K | M | M | 9 | M | B TOCN | 04 |
| 002 | 1 | OPERATIONS ORDERS | V | 6 | 15 | 056 | X | BO | 0420K | S | M | R | B | B TOCN | 04 |
| 003 | 1 | REGULATIONS | V | 5 | 37 | 000 | X | BO | 1260K | M | M | R | B | B TOCN | 04 |
| 004 | 1 | DEFCON STATUS | V | 5 | 02 | 090 | X | BD | 00064 | C | C | R | D | B TOCN | 04 |
| 005 | 1 | FRIENDLY GROUND SITUATION DATA | V | S | 14 | 001 | XP | MX | 0150KP | M | M | 9 | M | B TOCN | 04 |
| 006 | 1 | AIRFIELD DIRECTORY | V | 5 | 20 | 040 | XP | BO | 0124KP | M | R | R | B | B TOCN | 04 |
| 007 | 1 | DAILY AIRFIELD STATUS | V | C | 30 | 113 | XT | MX | 29500 | M | C | 6 | B | B TOCN | 04 |
| 008 | 1 | TACTICAL UNIT STATUS-FIGHTER | V | S | 18 | 023 | XN | MX | 02256 | M | M | 5 | M | B TOCN | 04 |
| 009 | 1 | TACTICAL UNIT MUNITIONS STATUS | V | S | 07 | 047 | X | MX | 19332 | M | M | 6 | M | B T CN | 04 |
| 010 | 1 | MISSION SCHEDULE-FIGHTER | 1 | S | 20 | 003 | XT | MX | 39999 | M | M | 9 | M | B TOCN | 06 |
| 011 | 1 | TACS FACILITY STATUS | V | S | 23 | 028 | T | MX | 03744 | M | C | 6 | M | B TOCN | 04 |
| 012 | 1 | SAM/ADA WEAPONS STATUS | V | S | 18 | 001 | T | MX | 00028 | M | C | 5 | M | B T CN | 04 |
| 013 | 1 | FORCE ALLOCATION | V | S | 22 | 004 | X | MX | 00484 | M | M | 9 | M | B TOCN | 04 |
| 014 | 1 | AIR DEFENSE PLANNING COORD | V | S | 07 | 006 | X | MX | 06000 | M | M | 9 | M | B TOCN | 04 |
| 015 | 1 | AIR DEFENSE PRIORITIES | V | 8 | 07 | 001 | X | MX | 17500 | M | M | 9 | M | B TOCN | 04 |
| 016 | 1 | ORB PTS-ROUTES FOR AIR DEF ACFT | V | S | 17 | 046 | XP | MX | 0875NP | M | M | 9 | M | B TOCN | 04 |
| 017 | 1 | FIGHTER ESCORT REQUIREMENTS | V | S | 18 | 004 | X | MX | 17069 | M | M | 6 | M | B T CN | 04 |
| 018 | 1 | CAS AND INTERDICTION REQUEST | V | S | 08 | 003 | XT | MX | 34654 | M | M | 6 | M | B T CN | 06 |
| 019 | 1 | INTERDICTION MISSION PROFILE | V | S | 03 | 000 | X | MX | 2880 | M | M | 9 | M | B TOCN | 04 |
| 020 | 1 | FIGHTER MISSION PLANNING | V | S | 03 | 000 | T | FM | 13206 | M | M | 7 | M | B TOCN | 04 |

| FILE NO. | GATO CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | RETRIEVAL OF DATA | LEVEL OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 021 | 1 | RESTRICTIVE FIRE PLAN | V | S | 19 | 000 | X | MX | 1400R | M | P | 6 | 0 | B | T | CN | 04 |
| 022 | 1 | MISSLE/HOT ZONE DATA | 2 | S | 20 | 067 | XP | MX | 00606P | M | R | 0 | 0 | R | T | CN | 04 |
| 023 | 1 | FIGHTER ALERT STATUS | V | S | 07 | 023 | XT | MX | 01424 | M | H | 6 | 0 | P | T | CN | 04 |
| 024 | 1 | TACTICAL ACTION DATA | V | S | 07 | 002 | XT | MX | 0069R | M | C | 9 | 0 | P | T | CN | 06 |
| 025 | 1 | FRAG ORDER-FIGHTER | 4 | S | 26 | 052 | X | MX | 0750X | M | H | 6 | 0 | P | TCN | | 04 |
| 026 | 1 | ACTION LOG-FTR OPS DUTY OFFICER | V | S | 13 | 000 | X | LG | 1584R | M | R | 0 | 0 | R | TCN | | 04 |
| 027 | 1 | DEFCON/AIR RAID WARNING LOG | V | S | 01 | 000 | XP | MX | 1702SP | M | C | 9 | 0 | B | T | CN | 06 |
| 028 | 1 | TACC SOPS | 5 | U | 26 | 000 | X | MX | R750R | M | H | 0 | 0 | R | TCN | | 06 |
| 029 | 1 | AIR SITUATION DATA | 1 | U | 09 | 001 | PT | MX | 7500RP | M | C | 5 | 5 | P | TCN | | 83 |
| 030 | 1 | GROUND SENSOR DATA | 2 | S | 13 | 006 | PT | MX | 2000RP | M | C | 6 | 6 | P | T | CN | 03 |
| 031 | 1 | TACTICAL UNIT STATUS-RECON | 4 | S | 08 | 002 | XN | MX | 00289 | M | A | 5 | 0 | P | TCN | | 04 |
| 032 | 1 | RECON AIRCRAFT ALERT STATUS | 5 | S | 08 | 006 | N | MX | 00184 | M | H | 5 | 0 | P | TCN | | 06 |
| 033 | 1 | RECON MISSION SCHEDULE | V | S | 08 | 005 | T | MX | 00234 | M | H | 6 | 0 | P | TCN | | 06 |
| 034 | 1 | RECON MISSION REQUEST | 5 | S | 08 | 009 | XT | FM | 3229R | M | H | 7 | 0 | F | TCN | | 04 |
| 035 | 1 | RECON AIRCRAFT CHARACTERISTICS | 5 | 4 | 02 | 000 | XP | DO | 1750KP | M | R | 0 | 0 | R | TCN | | 07 |
| 036 | 1 | SOPS FOR RECON DUTY PERSONNEL | 5 | U | 03 | 000 | X | NR | 4200R | M | R | 0 | 0 | R | TCN | | 04 |
| 037 | 1 | FRAG ORDER-RECON | 4 | 6 | 25 | 010 | X | MX | 0135X | M | H | 6 | 0 | P | T | CN | 04 |
| 038 | 1 | ECM MISSION SCHEDULE | 4 | S | 08 | 003 | T | MX | 0286R | M | H | 6 | 0 | R | T | CN | 04 |
| 039 | 1 | ECM MISSION RECOMMENDATION | 5 | S | 11 | 001 | XT | TV | 03294 | M | H | 7 | 0 | R | TCN | | 06 |
| 040 | 1 | ECM MISSION REQUIREMENTS | 4 | S | 11 | 009 | X | MX | 1548R | M | P | 6 | 0 | R | TCN | | 04 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | CLASIF. OF DATA | CLASIF. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 041 | 1 | ECM SUPPORT REQUIREMENTS | V | S | 13 | 001 | XT | MX | 0138A | M | P | 7 | P | P | P | TDCN | 04 |
| 042 | 1 | ECM DATA | V | S | 17 | 006 | XT | MX | 0420K | S | P | R | P | P | P | TDCN | 04 |
| 043 | 1 | ECM THREAT DATA | 1 | S | 13 | 001 | XT | MX | 2592A | 1 | P | R | P | P | P | TDCN | 06 |
| 044 | 1 | ELECTRONIC TACTICAL ACTION RPRT | 2 | S | 03 | 006 | XT | MX | 1506A | M | P | 6 | P | P | P | TDCN | 06 |
| 045 | 1 | ECCM DATA | V | S | 16 | 005 | XT | MX | 0212K | S | P | 6 | P | P | P | TDCN | 04 |
| 046 | 1 | BOMBER MISSION DATA | 5 | S | 12 | 005 | XT | MX | 1102A | M | P | 8 | D | T | | CN | 06 |
| 047 | 1 | CONTAMINATED AREAS NOTIFICATION | 4 | C | 24 | 046 | X | TV | 01900 | M | P | 8 | P | P | P | TDCN | 06 |
| 048 | 1 | NUDET REPORTS | V | U | 30 | 145 | M | MX | 0150AP | M | P | 2 | F | T | | N | 04 |
| 049 | 1 | NUCLEAR STRIKE WARNING | 4 | T | 03 | 00A | X | TV | 0216A | M | C | 6 | B | T | | N | 06 |
| 050 | 1 | NUCLEAR RESTRICTED AREA WARNING | 4 | T | 02 | 081 | X | TV | 0240C | M | C | 8 | P | T | | N | 06 |
| 051 | 1 | BIOLOGICAL/CHEMICAL ATTACK RPRT | V | S | 03 | 049 | X | MX | 0085A | M | P | 3 | P | | P | TDCN | 04 |
| 052 | 1 | INTEND EMPL OF C/R WEAPONS RPRT | 5 | S | 03 | 006 | X | MX | 0126A | M | P | 6 | D | T | | CN | 07 |
| 053 | 1 | WEAPONS CHARACTERISTICS | 5 | 6 | 09 | 004 | XP | MX | 5250KP | S | P | 9 | P | P | P | TDCN | 07 |
| 054 | 1 | INFLIGHT INTELLIGENCE REPORT | 1 | U | 14 | 025 | XT | MX | 45162 | M | M | 6 | B | | B | TDCN | 06 |
| 055 | 1 | ENEMY AIR ORDER OF BATTLE SMY | 3 | S | 20 | 047 | M | MX | 1462K | M | M | 5 | P | T | | CN | 04 |
| 056 | 1 | ENEMY GRD ORDER OF BATTLE SMY | 4 | S | 17 | 044 | M | MX | 3110K | M | M | 5 | P | T | | CN | 04 |
| 057 | 1 | ENEMY NAV ORDER OF BATTLE SMY | 3 | S | 20 | 044 | P | MX | 0137K | M | M | 5 | P | T | | CN | 04 |
| 058 | 1 | ENEMY COMM ORDER OF BATTLE SMY | 3 | R | 14 | 044 | M | MX | 0173K | M | M | 3 | P | T | | CN | 04 |
| 059 | 1 | HOT NEWS RPRTS/SPOT INTEL RPRTS | 2 | 6 | 13 | 003 | XT | MX | 0289A | M | C | 6 | B | | B | TDCN | 06 |
| 060 | 1 | FLINT INFLIGHT REPORT | 4 | S | 17 | 024 | XT | MX | 01644 | M | M | 6 | P | | P | TDCN | 04 |

| FILE NO. | CARD CODE | FILE NAME | ULTIMATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | PERISH. OF DATA | PERISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 061 | 1 | IMMED PHOTO/INTELLIGENCE REPORT | 2 | 7 | 11 | 003 | XP | NX | 10170P | M | P | 6 | 9 | | B | TCN | 08 |
| 062 | 1 | INTELLIGENCE SUMMARY | 4 | R | 33 | 001 | X | NX | 31500 | M | P | 4 | 9 | | P | TOCN | 07 |
| 063 | 1 | ENEMY ELEC ORDER OF BATTLE SMY | V | S | 13 | 001 | M | NX | 0248K | M | C | 6 | 9 | | B | TOCN | 04 |
| 064 | 1 | ENEMY AA/SAM ORDER OF BATTLE SMY | 3 | S | 17 | 001 | M | NX | 0178KP | M | C | 6 | 9 | | B | TOCN | 04 |
| 065 | 1 | TARGET PRIORITY LIST | 4 | B | 16 | 002 | XT | NX | 7146A | M | P | 6 | 9 | | B | TOCN | 04 |
| 066 | 1 | TARGET NOMINATION LIST | 4 | S | 13 | 003 | XT | NX | 4150A | M | P | 6 | 9 | | B | TOCN | 04 |
| 067 | 1 | LZ/DZ/EZ INTELLIGENCE | V | S | 10 | 001 | M | NX | 1056AP | M | P | 6 | 9 | | B | TOCN | 04 |
| 068 | 1 | INTEL INPUTS TO FRAG ORDER | 4 | S | 21 | 056 | XT | NX | 32127 | M | P | 6 | 9 | | B | TOCN | 06 |
| 069 | 1 | INTELLIGENCE BRIEFING DATA | 4 | 6 | 28 | 001 | XP | NX | 6000AP | M | P | 6 | 9 | | B | TOCN | 04 |
| 070 | 1 | INTELLIGENCE STUDY | 4 | 8 | 04 | 001 | M | NX | 1750AP | S | P | 9 | 9 | | B | TOCN | 04 |
| 071 | 1 | INTELLIGENCE ESTIMATE | 4 | S | 05 | 001 | X | NX | 1748A | M | P | 6 | 9 | | B | TOCN | 04 |
| 072 | 1 | COLLECTION REQUIREMENTS EEI | 4 | 5 | 19 | 056 | X | NX | 2700A | S | P | 8 | 9 | | B | TOCN | 08 |
| 073 | 1 | INTEL DUTY PERSONNEL SOPS | 5 | U | 03 | 000 | X | NX | 6350A | M | P | 2 | 9 | | B | TOCN | 04 |
| 074 | 1 | INTELLIGENCE REPORT | 4 | 8 | 07 | 001 | X | NX | 0613KP | M | P | 6 | 9 | | B | TOCN | 07 |
| 075 | 1 | MISSION RECOMMENDATION | 3 | 5 | 13 | 001 | XT | NX | 0447K | M | P | 7 | 9 | | B | TOCN | 06 |
| 076 | 1 | FLINT MISSION REQUEST | 2 | 5 | 02 | 001 | XT | NX | 0607S | M | P | 7 | 9 | | B | TOCN | 08 |
| 077 | 1 | GROUND FIRE REPORT | 4 | 5 | 29 | 001 | XT | TY | 0378A | M | P | 6 | 9 | | B | TOCN | 08 |
| 078 | 1 | DEFENSE ANALYSIS | 4 | S | 13 | 001 | X | NX | 3600A | M | P | 7 | 9 | | B | TOCN | 04 |
| 079 | 1 | THREAT EVALUATION | 4 | S | 14 | 001 | XT | TY | 0300A | M | P | 7 | 9 | | B | TOCN | 04 |
| 080 | 1 | MISSION REPORT TACINTELL MISREP | V | S | 19 | 001 | XT | NX | 7071S | M | P | 6 | 9 | | B | TOCN | 04 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | RETEN. OF DATA | USER'S OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 081 | 1 | POST STRIKE IMAGERY REPORT | 2 | S | 11 | 001 | XT | TV | 10628 | M | P | 7 | ● | B | | TOCN | 04 |
| 082 | 1 | UNIFILE PHOTO INTERP REPORT | V | S | 01 | 001 | XP | MX | 60964P | M | P | R | ● | P | | TOCN | 08 |
| 083 | 1 | CONSOLIDATED IMAGERY REQUIREMENT | S | S | 01 | 001 | X | MX | 13338 | S | P | R | ● | D | | TOCN | 07 |
| 084 | 1 | TACTICAL UNIT STATUS (SOF) | 4 | S | 02 | 001 | XT | MX | 43478 | M | C | 5 | ● | R | | TOCN | 04 |
| 085 | 1 | PSYC WARFARE MISSION DATA (SOF) | S | S | 02 | 003 | X | MX | 21000 | S | P | 8 | ● | P | | TOCN | 06 |
| 086 | 1 | HERRICINE MISSION PLAN DATA(SOF) | S | S | 04 | 003 | XT | MX | 21068 | M | P | R | ● | T | | CN | 06 |
| 087 | 1 | HERICIDE FRAG ORDER (SOF) | S | S | 07 | 061 | XT | MX | 11000 | M | P | 7 | ● | T | | CN | 06 |
| 088 | 1 | PSYC WARFARE FRAG ORDER (SOF) | S | S | 06 | 006 | XT | MX | 28080 | M | P | 7 | ● | P | | TOCN | 06 |
| 089 | 1 | NOTIFICATION-EXEC-HERB-MSN (SOF) | S | S | 03 | 012 | XT | MX | 08760 | M | P | 9 | ● | T | | CN | 04 |
| 090 | 1 | WEEKLY FLYING SCHEDULE (SOF) | S | S | 05 | 015 | NT | MX | 00120 | M | P | 9 | ● | T | | CN | 04 |
| 091 | 1 | SOP FOR SOF DUTY PERSONNEL | S | U | 04 | 000 | XT | MX | 67000 | M | P | 9 | ● | B | | TOCN | 04 |
| 092 | 1 | MISSION REPORT (MISREP) (SOF) | S | S | 05 | 017 | XT | MX | 01485 | S | P | 8 | ● | P | | TOCN | 06 |
| 093 | 1 | AREA OF RESPONSIBILITY CHANGES | S | 4 | 20 | 042 | MX | MX | 07000P | M | P | 9 | ● | D | | TOCN | 07 |
| 094 | 1 | A/G REPORTING PROCEDURES | S | S | 25 | 100 | X | MX | 17500 | M | M | 9 | ● | B | | TOCN | 04 |
| 095 | 1 | AIR TERMINAL CONTROL PROCEDURES | S | S | 23 | 117 | X | MX | 70000 | M | M | 9 | ● | P | | TOCN | 04 |
| 096 | 1 | CONTROL POINT DATA | S | S | 12 | 095 | XN | MX | 28000 | M | M | 9 | ● | P | | TOCN | 04 |
| 097 | 1 | AIR TRAFFIC IDENT PROCEDURES | S | S | 12 | 095 | XN | MX | 28000 | M | M | 9 | ● | P | | TOCN | 04 |
| 098 | 1 | PRIORITIES FOR AIRSPACE USE | S | S | 16 | 045 | X | MX | 28000 | M | M | 9 | ● | P | | TOCN | 04 |
| 099 | 1 | AIR CORRIDOR DATA | S | S | 26 | 093 | XN | MX | 28000 | M | M | 9 | ● | P | | TOCN | 04 |
| 100 | 1 | FREE AIRSPACE DATA | S | S | 27 | 092 | XP | MX | 0140KP | M | M | 9 | ● | P | | TOCN | 04 |

| FILE NO. | | FILE NAME | SEC. CLASSIF. | DATE/FREQ. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | CLASS. OF DATA | FREQ. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 1 | RESTRICTED AIRSPACE DATA | 5 | 5 | 26 | 092 | XP | MX | 0358P | N | H | 9 | P | P | P | TOCN | 06 |
| 102 | 1 | FRIENDLY AIRSPACE DATA | 5 | 5 | 25 | 092 | XP | MX | 7000P | N | H | 9 | P | P | P | TOCN | 06 |
| 103 | 1 | AIRSPACE UTILIZATION PLAN | 5 | 5 | 03 | 001 | X | MX | 2100R | N | I | 9 | C | P | P | TOCN | 06 |
| 104 | 1 | GUIDANCE FOR AIRSPACE MANAGEMENT | 5 | 5 | 03 | 001 | XN | MX | 2000R | N | I | 9 | C | P | P | TOCN | 07 |
| 105 | 1 | AIR TRAFFIC CONTROL INSTRUCTIONS | 4 | 5 | 06 | 129 | XT | MX | 0420K | N | C | 9 | B | P | B | TOCN | 06 |
| 106 | 1 | AIRSPACE CONFLICT DATA | 3 | 5 | 22 | 004 | XN | MX | 5250R | N | H | 6 | R | P | P | TOCN | 06 |
| 107 | 1 | AIR TRAFFIC HANDLING CAPABILITY | 4 | 5 | 02 | 043 | X | MX | 0105K | N | H | 9 | R | P | P | TOCN | 06 |
| 108 | 1 | MISSION ROUTING COORDINATION | 1 | 5 | 05 | 005 | X | MX | 0315K | N | C | 9 | C | P | P | TOCN | 04 |
| 109 | 1 | SAR AIRCRAFT ALERT STATUS | 4 | 5 | 05 | 005 | NT | MX | 6097R | N | H | 9 | C | P | P | TOCN | 04 |
| 110 | 1 | SAR MISSION DATA | 2 | 5 | 04 | 003 | XT | MX | 0102K | N | H | 6 | R | P | B | TOCN | 04 |
| 111 | 1 | SAR MISSION PROGRESS REPORT | 2 | 5 | 04 | 004 | XT | MX | 2734G | N | H | 6 | R | P | P | TOCN | 04 |
| 112 | 1 | SAR AIRCRAFT CHARACTERISTICS | 5 | 11 | 02 | 001 | X | MX | 0150K | N | I | 9 | C | P | P | TOCN | 04 |
| 113 | 1 | SAR DUTY OFFICER SOP | 5 | 11 | 02 | 002 | P | MX | 1400R | N | H | 9 | R | P | B | TOCN | 04 |
| 114 | 1 | SAR SUPPORT REQUIREMENTS | 4 | 5 | 04 | 005 | XT | MX | 3636R | N | H | 6 | R | P | P | TOCN | 06 |
| 115 | 1 | SAR TACTICAL UNIT STATUS REPORT | 5 | 5 | 03 | 003 | XT | MX | 0516R | N | I | 9 | C | P | P | TOCN | 04 |
| 116 | 1 | SAR FRAG ORDER | 4 | 5 | 02 | 099 | XT | MX | 9560 | N | I | 9 | C | P | B | TOCN | 04 |
| 117 | 1 | SAR MISSION REPORT (MISREP) | 4 | 5 | 04 | 004 | XT | MX | 0104K | N | C | 9 | C | P | P | TOCN | 04 |
| 118 | 1 | RESCUE INFORMATION REPORT | 3 | 5 | 10 | 003 | XT | MX | 0168K | N | C | 9 | C | P | P | TOCN | 04 |
| 119 | 1 | AREA WEATHER FORECAST | 4 | 11 | 35 | 049 | X | MX | 3600R | N | H | 5 | R | P | B | TOCN | 04 |
| 120 | 1 | TERMINAL WEATHER FORECAST | 4 | 11 | 35 | 047 | X | MX | 0316K | N | Q | 6 | C | P | P | TOCN | 04 |

| FILE NO. | CARD CODE | FILE NAME | ACTIVE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | PERISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | 1 | SPECIAL MISSION FORECAST | 4 | U | 35 | 049 | XP | MX | 35828P | M | Q | 6 | 6 | B | TOCN | 04 |
| 122 | 1 | SEVERE WEATHER WARNING | V | U | 35 | 049 | X | MX | 00180 | M | Q | 7 | 7 | B | TOCN | 04 |
| 123 | 1 | WINDS ALOFT | 3 | U | 35 | 045 | N | MX | 12000 | M | P | 6 | 6 | B | TOCN | 04 |
| 124 | 1 | FAC WEATHER REPORT | 3 | U | 01 | 043 | XT | MX | 0210K | M | Q | 3 | 3 | B | TOCN | 04 |
| 125 | 1 | PILOT WEATHER REPORT | 1 | U | 02 | 504 | XT | MX | 0471K | M | Q | 8 | 8 | B | TOCN | 04 |
| 126 | 1 | WEATHER RECONNISSANCE REPORT | 4 | U | 02 | 041 | XT | MX | 0726N | M | Q | 4 | 4 | B | TOCN | 06 |
| 127 | 1 | AIRBASE WEATHER OBSERVATION | 3 | U | 02 | 047 | XT | MX | 1208K | M | Q | 4 | 4 | B | TOCN | 04 |
| 128 | 1 | WEATHER MAP AND CHARTS | 4 | U | 24 | 043 | P | FC | 00000P | D | Q | 6 | 6 | B | TOCN | 04 |
| 129 | 1 | RADAR WEATHER REPORTS | 3 | U | 02 | 042 | XT | MX | 29160 | M | Q | 5 | 5 | B | TOCN | 04 |
| 130 | 1 | ARMED FORCES SURFACE WX OBS | 2 | U | 02 | 041 | XT | MX | 0129K | M | Q | 4 | 4 | B | TOCN | 04 |
| 131 | 1 | WEATHER INFORMATION REQUEST | 4 | U | 24 | 048 | XT | MX | 0271K | M | Q | 6 | 6 | B | TOCN | 06 |
| 132 | 1 | TANKER RESOURCES AVAILABLE | 4 | S | 07 | 002 | XN | MX | 24200 | M | P | 6 | 6 | B | TOCN | 04 |
| 133 | 1 | TACTICAL UNIT STATUS (TANKER) | 4 | S | 08 | 001 | X | MX | 65700 | M | Q | 5 | 5 | B | TOCN | 04 |
| 134 | 1 | REFUELING REQUIREMENTS | V | S | 13 | 002 | XN | MX | 0640K | M | P | 6 | 6 | B | TOCN | 06 |
| 135 | 1 | TANKER FRAG ORDER | 4 | S | 13 | 005 | X | MX | 50400 | M | K | 6 | 6 | B | TOCN | 06 |
| 136 | 1 | MISSION SCHEDULE (TANKER) | 4 | S | 19 | 001 | T | MX | 65700 | M | K | 4 | 4 | B | TOCN | 04 |
| 137 | 1 | REFUELING MISSION COMP. REPORT | V | S | 03 | 019 | X | MX | 0306K | M | Q | 9 | 9 | B | TOCN | 04 |
| 138 | 1 | AIRCRAFT CHARACTERISTICS(TANKER) | 3 | C | 02 | 005 | X | BK | 35000 | M | Q | 0 | 0 | B | TOCN | 06 |
| 139 | 1 | SOPIS FOR TANKER DUTY PERSONNEL | 3 | U | 03 | 000 | X | MX | 21000 | M | K | 0 | 0 | B | TOCN | 06 |
| 140 | 1 | TRACK DATA | V | U | 02 | 001 | T | MX | 75000 | M | C | 3 | 3 | P | TOCN | 03 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | PERISH. OF DATA | PERISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | 1 | DAILY MEDICAL STATUS RPT(MEDREP) | A | S | 04 | 006 | XT | MX | 0124K | M | R | 6 | O | P | P | TOCN | 04 |
| 142 | 1 | MEDICAL CONTINGENCY RPT (MEDCON) | A | S | 04 | 006 | XT | MX | 0124K | S | R | 6 | O | P | P | TOCN | 08 |
| 143 | 1 | MEDICAL EMERGENCY RPT (MEDMER) | A | S | 04 | 006 | XT | MX | 4698C | S | R | 6 | O | P | P | TOCN | 08 |
| 144 | 1 | PERSONNEL DEPLOY. RPT (PERSREP) | V | S | 02 | 006 | XT | MX | 0250K | S | R | 6 | O | P | P | TOCN | 08 |
| 145 | 1 | PERSONNEL STATUS RPT (PERSTAT) | V | S | 03 | 007 | XT | TV | 1741K | S | R | 7 | O | P | P | TOCN | 08 |
| 146 | 1 | UNIT IN SYSTEM RPT (UCODES) | V | 5 | 01 | 017 | XT | MX | 0182K | S | R | 7 | O | P | P | TOCN | 08 |
| 147 | 1 | CIVIL AFFAIRS RPT (CIVAF) | V | S | 02 | 001 | XT | TV | 0148K | S | R | 7 | O | P | P | TOCN | 08 |
| 148 | 1 | CLAIMS RPT (CLAIMS) | V | II | 02 | 001 | X | MX | 1620K | P | R | 8 | O | P | P | TOCN | 04 |
| 149 | 1 | DEPLOY PLAN SUMMARY RPT(DEPSUM) | V | S | 03 | 011 | XT | MX | 0156K | S | R | 9 | O | P | P | TOCN | 04 |
| 150 | 1 | OPS START RPT (OPREP-2) | V | S | 02 | 005 | XT | TV | 0234K | S | R | 8 | O | P | P | TOCN | 04 |
| 151 | 1 | OPERATIONS STOP REPORT(OPREP-4) | V | S | 02 | 013 | XT | MX | 0031K | M | R | 7 | O | P | P | T CN | 06 |
| 152 | 1 | OPNS EVENT/INCIDENT RPT(OPREP-3) | V | S | 02 | 015 | XT | MX | 0454K | S | R | 7 | O | P | P | TOCN | 04 |
| 153 | 1 | COMMADERS SITUATION RPRT(SITREP) | V | S | 02 | 015 | X | TV | 0108K | S | R | 6 | O | P | P | TOCN | 04 |
| 154 | 1 | COMM SECURITY REPORT(COMSEC) | V | S | 36 | 069 | X | TV | 0360C | S | R | 6 | O | P | P | TOCN | 06 |
| 155 | 1 | AIRCREW/ACFT LOSS REPORT(LOSREP) | V | S | 02 | 019 | XT | TV | 1286K | S | R | 6 | O | P | P | TOCN | 04 |
| 156 | 1 | INSTALLATION DAMAGE RPRT(INREP) | V | S | 03 | 050 | XT | TV | 3360C | S | R | 6 | O | P | P | TOCN | 04 |
| 157 | 1 | PETRO DMGE/DEFICIENCY RPT(REPOL) | V | S | 03 | 010 | XT | TV | 1365C | S | R | 6 | O | P | P | TOCN | 04 |
| 158 | 1 | AIRCRAFT LINEUP REPORT(LINEUP) | V | 5 | 16 | 040 | XT | TV | 0089C | M | R | 9 | O | P | P | TOCN | 04 |
| 159 | 1 | ARRIVAL REPORT, TACOP | V | 5 | 12 | 040 | XT | MX | 3276C | M | R | 7 | O | P | P | TOCN | 04 |
| 160 | 1 | DEPARTURE REPORT, TACOP | V | 5 | 14 | 040 | XT | MX | 0510C | M | R | 7 | O | P | P | TOCN | 04 |

| FILE NO. | | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | PERISH. OF DATA | PERISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | 1 | DEVIATION REPORT | V | S | 12 | 040 | XT | MX | 0101C | M | N | 7 | P | B | | TOCN | 04 |
| 162 | 1 | AIRBORNE COMMAND POST RPRT(ACP ) | V | S | 04 | 041 | X | MX | 17117 | M | B | 9 | P | F | | TOCN | 06 |
| 163 | 1 | DEPLOYMENT SUM RPRT(DEPSUM-2) | V | S | 03 | 040 | XT | TV | 11430 | M | C | 9 | P | B | | TOCN | 04 |
| 164 | 1 | OPERATIONS SUM RPRT(OPREP-5) | 4 | S | 16 | 042 | XT | TV | 3299X | M | I | 9 | P | F | | TOCN | 04 |
| 165 | 1 | COMBAT ACTIVITIES REPORT(COACT) | 4 | S | 16 | 042 | T | TV | 70200 | M | B | 9 | P | F | | TOCN | 04 |
| 166 | 1 | FORCE STATUS REPORT(FORSTAT) | 4 | S | 23 | 047 | T | MX | 40600 | M | H | 7 | P | B | | TOCN | 04 |
| 167 | 1 | COMM ELECTR OPNS RPRT(COMOPS) | 4 | S | 03 | 046 | XT | MX | 0256X | M | C | 9 | P | B | | TOCN | 04 |
| 168 | 1 | LOGISTIC STATUS REPORT(LOGSTAT) | 4 | S | 02 | 042 | XT | TV | 1764X | M | H | 7 | P | B | | TOCN | 04 |
| 169 | 1 | FRAG ORDER (AIRLIFT) | 4 | S | 02 | 054 | XT | MX | 5500X | M | A | 7 | P | F | | TOCN | 04 |
| 170 | 1 | TACTICAL UNIT STATUS (AIRLIFT) | 3 | 4 | 02 | 012 | T | MX | 0132K | M | A | 6 | P | B | | TOCN | 06 |
| 171 | 1 | MISSION SCHEDULE (AIRLIFT) | 1 | S | 05 | 065 | T | MX | 0501K | M | B | 6 | P | B | | TOCN | 04 |
| 172 | 1 | FRAG ORDER REMARKS (ALMS) | 4 | S | 01 | 000 | H | OR | 9750C | C | X | 8 | P | D | | TOCN | 06 |
| 173 | 1 | FRAG ORDER ADDRESSES (FODL) | V | H | 17 | 046 | TC | OR | 0459C | C | X | 9 | P | R | | TOCN | 04 |
| 174 | 1 | AIRFIELD DESIGNATORS (ALMS) | 5 | H | 01 | 000 | T | OR | 0470C | C | X | 9 | P | D | | TOCN | 04 |
| 175 | 1 | AIRFIELD STATUS | 4 | OR | 139 | | T | OR | 0610C | C | X | 9 | P | R | | TOCN | 04 |
| 176 | 1 | AERIAL PORT EQUIPMENT | 5 | C | 02 | 040 | T | OR | 0400C | C | X | 8 | P | D | | TOCN | 04 |
| 177 | 1 | COMBAT CONTROL TEAM | 4 | C | 03 | 000 | T | OR | 0450C | C | K | 6 | P | D | | TOCN | 04 |
| 178 | 1 | AIRCRAFT PLANNING FACTORS | 5 | H | 05 | 000 | T | OR | 00720 | C | X | 9 | P | R | | TOCN | 04 |
| 179 | 1 | AIRCRAFT RESOURCES | 5 | C | 03 | 012 | T | OR | 4431C | C | I | 7 | P | D | | TOCN | 06 |
| 180 | 1 | AIRCRAFT ROUTING | V | U | 03 | 000 | T | OR | 0420C | C | A | 9 | P | B | | TOCN | 06 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQ. | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | STORAGE MEDIUM | PHYSICAL LOCATION | FRISH. OF DATA | FRISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181 | 1 | RECURRING MISSIONS SCHEDULE | 4 | U | 06 | 007 | T | OR | 0165X | C | E | 9 | 9 | P | F | TOCN 04 |
| 182 | 1 | AIRLIFT REQUIREMENTS | V | 5 | 06 | 069 | XT | OR | 1497A | C | E | 6 | 9 | P | TOCN | 06 |
| 183 | 1 | GROUND TIME | 5 | U | 04 | 021 | T | OR | 03696 | C | X | 9 | 9 | B | TOCN | 04 |
| 184 | 1 | RECONFIGURATION TIME | 5 | U | 04 | 000 | T | OR | 00024 | C | X | 9 | 9 | B | TOCN | 04 |
| 185 | 1 | MAJOR COMMAND | 5 | U | 05 | 001 | T | OR | 00152 | C | X | 9 | 9 | B | TOCN | 04 |
| 186 | 1 | PRIORITY TABLE | 5 | U | 02 | 000 | XT | OR | 01024 | C | K | 9 | 9 | B | TOCN | 04 |
| 187 | 1 | SECURITY CLASSIFICATION | 5 | U | 37 | 120 | T | OR | 00140 | C | M | 9 | 9 | B | TOCN | 04 |
| 188 | 1 | CARGO TYPE | 5 | U | 04 | 001 | T | OR | 00660 | C | H | 9 | 9 | B | TOCN | 06 |
| 189 | 1 | PASSENGER TYPE | 5 | U | 04 | 001 | T | OR | 00165 | C | X | 9 | 9 | B | TOCN | 04 |
| 190 | 1 | PALLET TYPE | 5 | U | 04 | 001 | T | OR | 00245 | C | X | 9 | 9 | B | TOCN | 04 |
| 191 | 1 | DAYLIGHT HOURS | 5 | U | 04 | 001 | T | OR | 00144 | C | X | 9 | 9 | B | TOCN | 04 |
| 192 | 1 | COMPATIBLE AIRCRAFT | 5 | U | 37 | 000 | T | OR | 00150 | C | H | 9 | 9 | B | TOCN | 04 |
| 193 | 1 | DAILY AIRLIFT SUMMARY | 4 | U | 01 | 001 | XT | MX | 4860A | F | K | 9 | 9 | B | TOCN | 0R |
| 194 | 1 | AIRLIFT OPERATIONS REPORT-ALOREP | 2 | 6 | 06 | 01A | XT | MX | 0332K | M | X | 9 | 9 | P | TOCN | 04 |
| 195 | 1 | AIRLIFT AIRCRAFT TYPES | 5 | U | 02 | 000 | T | OR | 00072 | C | B | 9 | 9 | B | TOCN | 04 |
| 196 | 1 | AIRLIFT COUNTRY-SERVICE-OPERATOR | V | U | 01 | 001 | T | OR | 00342 | C | B | 9 | 9 | B | TOCN | 04 |
| 197 | 1 | AIRLIFT OPERATING UNITS | 5 | U | 02 | 000 | T | OR | 00150 | C | B | 9 | 9 | B | TOCN | 04 |
| 198 | 1 | AIRLIFT SORTIE FUNCTION | 5 | U | 02 | 000 | T | OR | 00384 | C | K | 9 | 9 | B | TOCN | 04 |
| 199 | 1 | AIRLIFT MISSION DELAY REASONS | 5 | U | 02 | 000 | T | OR | 00796 | C | X | 9 | 9 | B | TOCN | 04 |
| 200 | 1 | AIRLIFT MISSION LOW UTILIZATION | 5 | U | 02 | 000 | T | OR | 00476 | C | X | 9 | 9 | B | TOCN | 04 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 | 1 | AIRLIFT MSN ABORT-DIVERSION | 5 | U | 02 | 000 | T | OR | 00196 | O | X | P | D | TOCN | 04 |
| 202 | 1 | AIRLIFT SORTIE PRIORITIES | 5 | U | 02 | 000 | T | OR | 00352 | O | X | P | D | TOCN | 04 |
| 203 | 1 | AIRLIFT TRAFFIC DELAY REASONS | 5 | U | 02 | 000 | T | OR | 00510 | O | X | P | D | TOCN | 04 |
| 204 | 1 | AIRLIFT FRAG HEADQUARTERS | 5 | U | 02 | 000 | T | OR | 00605 | O | X | P | D | TOCN | 04 |
| 205 | 1 | AGENCIES SUPPORTED-AIRLIFT | 5 | U | 01 | 001 | T | OR | 00196 | O | X | P | D | TOCN | 04 |
| 206 | 1 | AIRLIFT DELIVERY MODE | 5 | U | 02 | 000 | T | OR | 00085 | O | X | P | D | TOCN | 04 |
| 207 | 1 | AIRLIFT MODE TYPES | 5 | U | 01 | 001 | T | OR | 00378 | O | X | P | D | TOCN | 04 |
| 208 | 1 | ALOREP COLLECTION POINTS | 5 | U | 02 | 000 | T | OR | 00051 | O | X | P | R | TOCN | 04 |
| 209 | 1 | AIRLIFT SQUADRON-TYPE AIRCRAFT | 5 | U | 02 | 000 | T | OR | 00108 | O | X | P | D | TOCN | 04 |
| 210 | 1 | AIRCRAFT TYPE-ACL | 5 | U | 02 | 000 | T | OR | 00090 | O | X | P | D | TOCN | 04 |
| 211 | 1 | AIRCRAFT TYPE-MAX SPEED | 5 | U | 02 | 000 | T | OR | 00081 | O | X | P | D | TOCN | 04 |
| 212 | 1 | MILITARY AREA CODE | 5 | U | 02 | 000 | T | OR | 00050 | O | X | P | D | TOCN | 04 |
| 213 | 1 | CONTROLLERS LOG BOOK-AIRLIFT | 2 | S | 03 | 000 | X | LG | 0486K | M | X | P | P | TOCN | 07 |
| 214 | 1 | ALCC COMMAND POST | 3 | U | 02 | 025 | X | MX | 0360K | M | B | P | P | TOCN | 06 |
| 215 | 1 | RADIO OPERATORS LOG BOOK | 1 | U | 02 | 132 | X | LG | 0018M | N | B | P | P | TOCN | 06 |
| 216 | 1 | SUPPLY-ADMINISTRATIVE RECORDS | 4 | U | 05 | 110 | X | FF | 0114K | F | X | P | P | TOCN | 07 |
| 217 | 1 | KAC CODE BOOK | 5 | S | 06 | 100 | XT | DC | 0053K | S | P | P | D | TOCN | 07 |
| 218 | 1 | AIRLIFT SOPS | 5 | U | 10 | 000 | X | MX | 32500 | M | X | P | D | TOCN | 04 |
| 219 | 1 | AIRFIELD FOLDER | 5 | U | 08 | 088 | XP | MX | 0075KP | F | X | P | P | TOCN | 06 |

| FILE NO. | CARD CODE | FILE NAME | UPDATE FREQUENCY | SECURITY CLASSIF. | NO. OF INTERNAL USERS | NO. OF EXTERNAL USERS | NATURE OF FILE | FORMAT OF FILE | FILE SIZE | PICTORIAL DATA IND. | STORAGE MEDIUM | PHYSICAL LOCATION | FINISH. OF DATA | FINISH. OF SECUR. CL. | DISPOSITION OF DATA | TYPE OF OPERATION | NOTE NUMBER FOR REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 1 | AREA-FUNCTION FILE | 4 | S | 24 | 014 | XP | MX | 0569P | M | P | 9 | 9 | 9 | 9 | TOCN | 05 |
| 221 | 1 | MISSION NUMBER FILE | 1 | U | 19 | 008 | N | MX | 0680P | C | C | 9 | 9 | 9 | 9 | TOCN | 01 |
| 222 | 1 | SPECIAL INSTRUCTION FILE | 3 | S | 19 | 008 | MX | DO | 6984P | S | C | 9 | 9 | 9 | 9 | TOCN | 05 |
| 223 | 1 | BASE TO TRACK FILE-REFUELING | 4 | S | 21 | 008 | XP | DC | 3375P | S | C | 9 | 9 | 9 | 9 | TOCN | 05 |
| 224 | 1 | ACTION LOG-SURVEILLANCE | 2 | 5 | 07 | 008 | X | LG | 0695X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 225 | 1 | ACTION LOG-FIGHTER OPERATIONS | 3 | 5 | 07 | 008 | X | LG | 0348X | M | P | 9 | 9 | 9 | 9 | TOCN | 06 |
| 226 | 1 | ACTION LOG-WEAPONS CONTROLLER | 2 | 5 | 05 | 008 | X | LG | 2087X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 227 | 1 | ACTION LOG-SEARCH AND RESCUE | 3 | 5 | 04 | 008 | X | LG | 0348X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 228 | 1 | ACTION LOG-INTELLIGENCE | 3 | 5 | 03 | 001 | X | LG | 0348X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 229 | 1 | ACTIVITY LOG-RECCE | 2 | 5 | 04 | 001 | X | LG | 0786X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 230 | 1 | DAILY ACTIVITY LOG-PHOTO INTELL | 3 | 5 | 10 | 008 | X | LG | 0174X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 231 | 1 | DAILY JOURNAL-FTR OFFICER PLANS | 3 | 5 | 12 | 008 | X | LG | 0348X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 232 | 1 | DAILY JOURNAL-AIR DEF OFF PLANS | 3 | 5 | 12 | 008 | X | LG | 0348X | M | R | 9 | 9 | 9 | 9 | TOCN | 06 |
| 233 | 1 | AIR TERMINAL TEAM FILE | 3 | U | 01 | 055 | XT | FF | 0378X | P | X | 9 | 9 | 9 | 9 | TOCN | 07 |
| 234 | 1 | CASUALTY STAGING FACILITY FILE | 4 | U | 01 | 003 | XT | FF | 5886X | P | X | 9 | 9 | 9 | 9 | TOCN | 07 |
| 235 | 1 | INFLIGHT TEAM FILE | 4 | U | 01 | 010 | XT | MX | 0112X | P | X | 3 | 9 | 9 | 9 | TOCN | 07 |

11.0  RECOMMENDATIONS FOR AN ADDITIONAL STUDY

## 11.0 RECOMMENDATIONS FOR AN ADDITIONAL STUDY

The results of the Data Base Security Study indicate that the approximate 100 million character TACC data base is considerably larger than the AF and numerous contractors have considered for the TACC automation studies during the past three years. It is of course realized that not all of the TACC data base would be automated since some such as SOP's and documents should remain manual and therefore the total size of the automated data base size would be lower than the above value. In any event, regardless of the degree of automation, the size of the data base is believed to be orders of magnitude larger than originally anticipated. It is further realized that the study results reflect the manual system which does not have the advantage of a single data base common to the major TACC functions of planning, operations, air lift and weather. Therefore, the achievement of a common data base organized to reduce the duplication of data contained in the current data base and the duplicate handling of this data in its many formats is an important consideration for the automation of the TACC.

It is recommended that a study of the TACC data base be undertaken immediately by the AF to achieve the re-organization of the data base file structure to (a) eliminate duplication of data in the files and thus reduce the size of the data base, (b) eliminate the duplicate handling of this data in its many formats, and (c) establish a data base common to all TACC operations. Such a study would reduce the cost of the automated TACC considerably since fewer operating positions may be required to handle the data, less mass memory storage would be required and the performance in respect to throughput and response time would be significantly improved.

11.0 RECOMMENDATIONS FOR AN ADDITIONAL STUDY (Continued)

Mass memory access limitation is a major technical problem and the fewer number and size of mass memories would greatly enhance this improvement. In addition, once the common data base is achieved, the study should consider those communication messages that establish or update the data base. These should be structured to achieve standard messages which would improve the effectiveness of the ommunications system by reducing the 594 message types to a lower number with fewer characters in those messages that remain.

It is believed that this single study represents the most significant effort that can now be accomplished rapidly based upon the data contained in the Data Base Security Study and the TTSA Study.

## DOCUMENT CONTROL DATA - R & D

*(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)*

| 1. ORIGINATING ACTIVITY *(Corporate author)* | 2a. REPORT SECURITY CLASSIFICATION |
|---|---|
| Hughes Aircraft Company Ground Systems Group Fullerton, California 92634 | UNCLASSIFIED |
| | 2b. GROUP  N/A |

3. REPORT TITLE

ANALYSIS OF DATA BASE SECURITY AND ACCESS LIMITATION REQUIREMENTS FOR THE POST 1975 AUTOMATED TACC COMPLEX (ANALYSIS OF TACC SECURE DATA)

4. DESCRIPTIVE NOTES *(Type of report and inclusive dates)*
None

5. AUTHOR(S) *(First name, middle initial, last name)*

None

| 6. REPORT DATE | 7a. TOTAL NO. OF PAGES | 7b. NO. OF REFS |
|---|---|---|
| October 1971 | | |

| 8a. CONTRACT OR GRANT NO. | 9a. ORIGINATOR'S REPORT NUMBER(S) |
|---|---|
| F19628-70-C-0185 | |
| b. PROJECT NO. | ESD-TR-71-370, Vol. III |
| c. | 9b. OTHER REPORT NO(S) *(Any other numbers that may be assigned this report)* |
| d. | |

10. DISTRIBUTION STATEMENT

Approved for public release; distribution unlimited.

| 11. SUPPLEMENTARY NOTES | 12. SPONSORING MILITARY ACTIVITY |
|---|---|
| | Deputy for Planning and Technology, Hq Electronic Systems Division (AFSC), L G Hanscom Field, Bedford, Mass. 01730 |

13. ABSTRACT

The Analysis of the Data Base Security and Access Limitation Requirements for the post-1975 Automated TACC Complex was conducted to provide the United States Air Force and other military agencies with detailed information concerning (a) current and completed studies which have addressed the security and access limitation problems and methods of implementation for automated information systems; (b) the determination and structuring of a TACC data base baseline; and (c) the identification of the users of TACC data and their access requirements to classified portions of the TACC data base. The data developed were to be used both in the development of incremental growth capabilities in the TACC and in the design of future automation of the TACS.

DD FORM 1473
1 NOV 65

| 14. KEY WORDS | LINK A | | LINK B | | LINK C | |
|---|---|---|---|---|---|---|
| | ROLE | WT | ROLE | WT | ROLE | WT |
| | | | | | | |